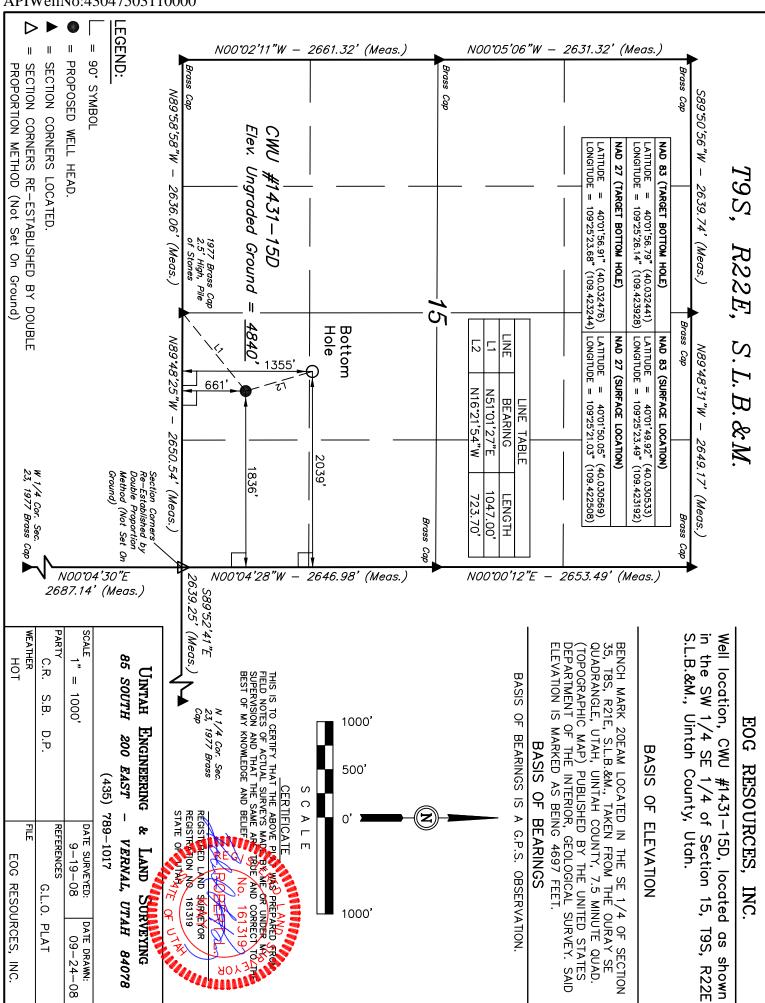
	OURCES MINING		FORI					
APPLI	CATION FOR	PERMIT TO DRILL			1. WELL NAME and NUMBER CWU 1431-15D			
2. TYPE OF WORK DRILL NEW WELL (REENTER P8	A WELL (DEEPEN	I WELL (3. FIELD OR WILDO	CAT NATURAL BUTTES		
4. TYPE OF WELL Gas We		ed Methane Well: NO			5. UNIT or COMMU	NITIZATION AGRE	EMENT NAME	
6. NAME OF OPERATOR	EOG Resou				7. OPERATOR PHO			
8. ADDRESS OF OPERATOR), Vernal, UT, 84078			9. OPERATOR E-MA		es.com	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)		11. MINERAL OWNER			12. SURFACE OWN	ERSHIP		
UTU0283A	_ 161)	FEDERAL (INDIA	AN 🗐 STATE 🛚) FEE()		DIAN STATE	~ ~	
13. NAME OF SURFACE OWNER (if box 12					14. SURFACE OWN			
15. ADDRESS OF SURFACE OWNER (if box	12 = 'fee')				16. SURFACE OWN	ER E-MAIL (if box 1	l2 = 'fee')	
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMM MULTIPLE FORMATIO		ION FROM	19. SLANT			
(II DOX 12 - INDIAN)		YES (Submit Cor	mmingling Applicati	on) NO 📵	VERTICAL DIF	RECTIONAL 📵 HO	ORIZONTAL 🗍	
20. LOCATION OF WELL	FO	OTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN	
LOCATION AT SURFACE	661 FS	L 1836 FEL	SWSE	15	9.0 S	22.0 E	S	
Top of Uppermost Producing Zone	1355 F	SL 2039 FEL	NWSE	15	9.0 S	22.0 E	S	
At Total Depth	1355 FS	SL 2039 FEL	NWSE	15	9.0 S	22.0 E	S	
21. COUNTY UINTAH		22. DISTANCE TO NEA	AREST LEASE LIN 1355	E (Feet)	23. NUMBER OF AC	RES IN DRILLING	UNIT	
		25. DISTANCE TO NEA (Applied For Drilling of		AME POOL	26. PROPOSED DEPTH MD: 9608 TVD: 9580			
27. ELEVATION - GROUND LEVEL 4840		28. BOND NUMBER	NM2308		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-225			
		ATT	TACHMENTS					
VERIFY THE FOLLOWING	ARE ATTACH	ED IN ACCORCANC	E WITH THE UT	AH OIL AND G	GAS CONSERVATI	ON GENERAL RU	LES	
WELL PLAT OR MAP PREPARED BY	LICENSED SUR	VEYOR OR ENGINEER	№ сом	COMPLETE DRILLING PLAN				
AFFIDAVIT OF STATUS OF SURFACE	OWNER AGRE	EMENT (IF FEE SURFA	CE) FORM	FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER				
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)				GRAPHICAL MA	P			
NAME Kaylene Gardner	TITLE R	egulatory Administrator		PHONE 435	781-9111			
SIGNATURE	DATE 0	5/19/2009		EMAIL kayle	ne_gardner@eogresoເ	irces.com		
API NUMBER ASSIGNED 43047503110000	APPRO'	VAL		Bermit	Manager			
				remill	ivianagei			

API Well No: 43047503110000 Received: 3/26/2009

	Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)			
Surf	12.25	9.625	0	2500			
Pipe	Grade	Length	Weight				
	Grade J-55 ST&C	2500	36.0				

API Well No: 43047503110000 Received: 3/26/2009

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	4.5	0	9669		
Pipe	Grade	Length	Weight			
	Grade HCP-110 LT&C	9669	11.6			



CHAPITA WELLS UNIT 1431-15D SW/SE, SEC. 15, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	MD-RKB (ft)	Lithology	Objective
Green River	1,735	1,742	Shale	
Mahogany Oil Shale Bed	2,388	2,399	Shale	
Wasatch	4,783	4,809	Sandstone	
Chapita Wells	5,370	5,399	Sandstone	
Buck Canyon	6,072	6,105	Sandstone	
North Horn	6,743	6,780	Sandstone	
KMV Price River	7,279	7,318	Sandstone	Primary - Gas
KMV Price River Middle	8,135	8,174	Sandstone	Primary - Gas
KMV Price River Lower	8,915	8,953	Sandstone	Primary - Gas
Sego	9,427	9,466	Sandstone	
TD	9,630	9,669		

Estimated TD: 9,669' MD or 200'± below TD

Anticipated BHP: 5,489 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	Hole Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	26"	0 – 60' +/-	16"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0 – 2,500' KB± 200'	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	HCP-110	LTC	8650 PSI	10690 Psi	279,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2500' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

CHAPITA WELLS UNIT 1431-15D SW/SE, SEC. 15, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface.

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, HCP-110 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Surface' - 2500± A closed mud system will be utilized with a gelled bentonite system. LCM sweeps,

additions, etc. will be utilized as necessary.

<u>Production Hole Procedure (2500'± - TD):</u>

Anticipated mud weight 9.5 - 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2500'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

CHAPITA WELLS UNIT 1431-15D SW/SE, SEC. 15, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

Onshore Oil and Gas Order No. 2 - Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.

EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).

EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs: Unmanned gas unit from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Gamma Ray

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2500'±):

Lead: 180 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂,

3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 150 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk.,

5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6

ppg, 1.18 ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail

cement to 500'above the casing shoe.

CHAPITA WELLS UNIT 1431-15D SW/SE, SEC. 15, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

Production Hole Procedure (2500'± - TD)

Lead: 280 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 500 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant),

mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Price River.

Final Cement volumes will be based upon gauge-hole plus 50% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2500'±):

Lost circulation

Production Hole (2500'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. <u>HAZARDOUS CHEMICALS:</u>

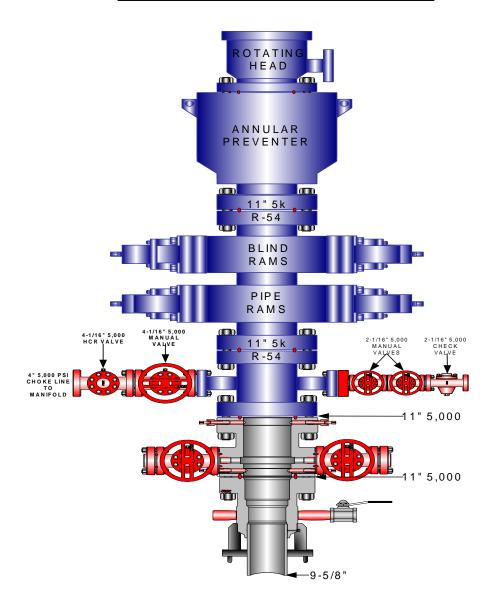
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Attachment: BOP Schematic Diagram

CHAPITA WELLS UNIT 1431-15D SW/SE, SEC. 15, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

BOP DIAGRAM

EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION



'APIWellNo:43047503110000'

Project: Uintah Co., UT Site: Chapita Wells Unit Well: CWU #1431-15D, Sec. 15 Wellbore: CWU 1431-15D Design: Design #1





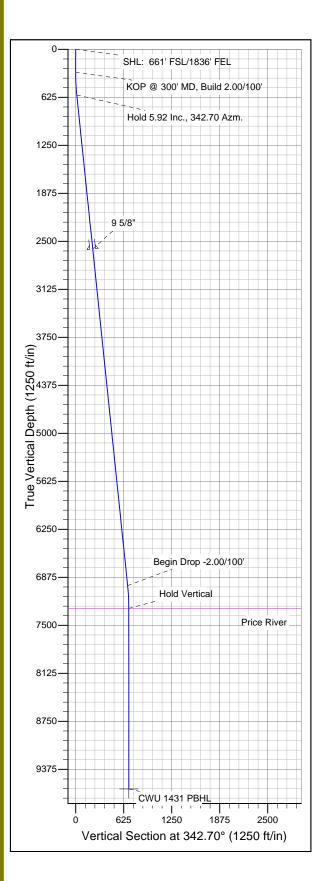
Azimuths to True North Magnetic North: 11.35°

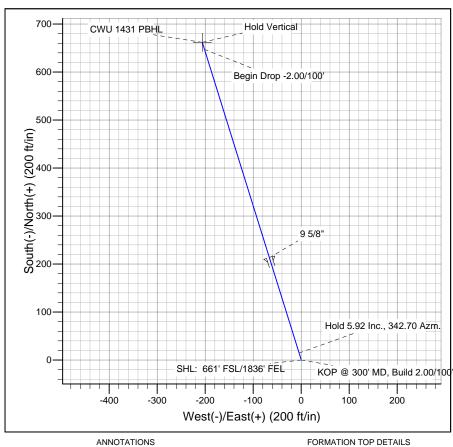
Magnetic Field Strength: 52630.7snT Dip Angle: 65.98° Date: 2008/12/18 Model: IGRF200510

WELL DETAILS: CWU #1431-15D, Sec. 15

Ground Level: 4840.00

+N/-S +E/-W 0.00 0.00 Northing Easting Latitude Longitude 624935.66 2581684.20 40° 1' 50.05 N 109° 25' 21.03 W 0.00





Slot

TVD MD Annotation
0.01 0.01 SHL: 661' FSL/1836' FEL
300.00 300.00 KOP @ 300' MD, Build 2.00/100'
595.53 596.06 Hold 5.92 Inc., 342.70 Azm.
6983.47 7018.26 Begin Drop -2.00/100'
7279.007314.32 Hold Vertical

TVDPath MDPath Formation 7314.32 Price River

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.0ŏ	0.00	0.00	Ü
2	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	
3	596.06	5.92	342.70	595.54	14.59	-4.55	2.00	342.70	15.28	
4	7018.26	5.92	342.70	6983.46	647.14	-201.57	0.00	0.00	677.80	
5	7314.32	0.00	0.00	7279.00	661.73	-206.12	2.00	180.00	693.09	
6	9665.32	0.00	0.00	9630.00	661.73	-206.12	0.00	0.00	693.09	CWU 1431 PBHL

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
CWU 1431 PBHL	9630.00	661.73	-206.12	40° 1' 56.59 N	109° 25' 23.68 W	Point

CASING DETAILS

TVD MD 2600.00 2611.28



Plan: Design #1 (CWU #1431-15D, Sec. 15/CWU 1431-15D)

Created By:	Chris kehl	Date:	9:04, December 19 2008
Checked:		Date:	
Reviewed:		Date:	
Approved:		Date:	



Nevis Energy Services

Anticollision Report



EOG Resources Company: Project: Uintah Co., UT Reference Site: Chapita Wells Unit

Site Error: 0.0ft

CWU #1431-15D, Sec. 15 Reference Well:

Well Error: 0.0ft

Reference Wellbore CWU 1431-15D

Reference Design: Design #1 Local Co-ordinate Reference:

Well CWU #1431-15D, Sec. 15 **TVD Reference:** WELL @ 4860.0ft (Original Well Elev) WELL @ 4860.0ft (Original Well Elev) MD Reference:

North Reference: True

Survey Calculation Method: Minimum Curvature

Output errors are at 2.00 sigma

EDM 2003.21 Single User Db Database:

Offset TVD Reference: Offset Datum

Reference Depths are relative to WELL @ 4860.0ft (Original Well Elev)

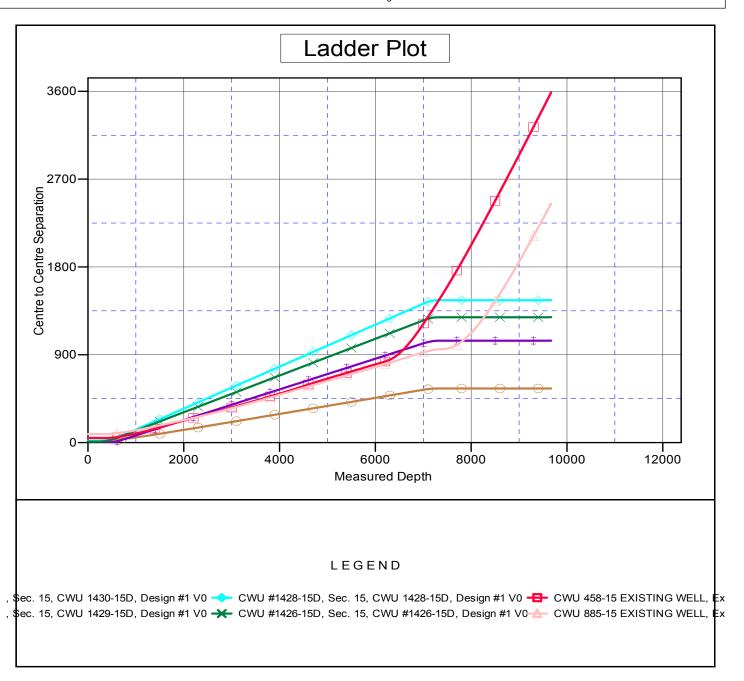
Offset Depths are relative to Offset Datum

Central Meridian is 111° 30' 0.000 W °

Coordinates are relative to: CWU #1431-15D, Sec. 15

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302

Grid Convergence at Surface is: 1.33°





Nevis Energy Services

Anticollision Report



Company: **EOG Resources** Project: Uintah Co., UT Chapita Wells Unit Reference Site:

Site Error: 0.0ft

CWU #1431-15D, Sec. 15 Reference Well:

Well Error: 0.0ft

Reference Wellbore CWU 1431-15D

Reference Design: Design #1 Local Co-ordinate Reference:

Well CWU #1431-15D, Sec. 15 **TVD Reference:** WELL @ 4860.0ft (Original Well Elev) WELL @ 4860.0ft (Original Well Elev) MD Reference:

North Reference:

Survey Calculation Method: Minimum Curvature

Output errors are at 2.00 sigma

Database: EDM 2003.21 Single User Db

Offset TVD Reference: Offset Datum

Reference Depths are relative to WELL @ 4860.0ft (Original Well Elev)

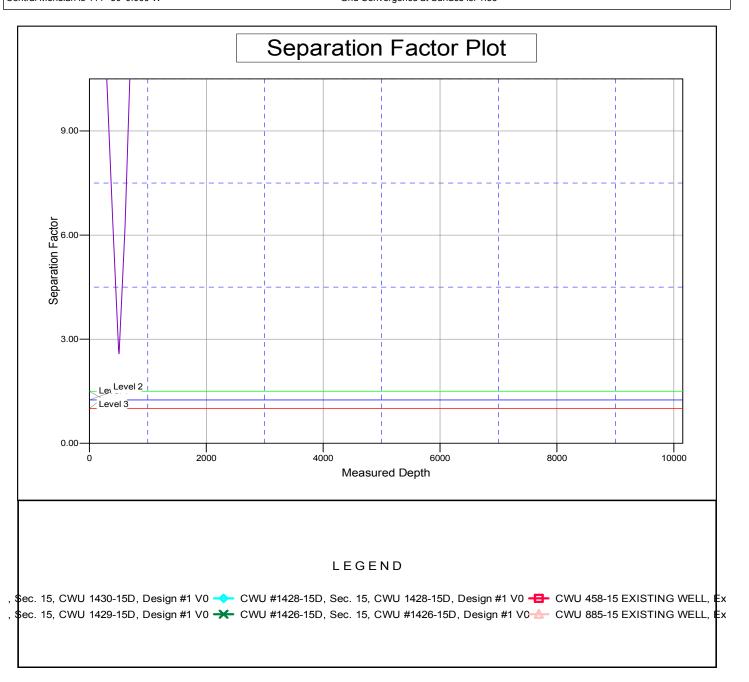
Offset Depths are relative to Offset Datum

Central Meridian is 111° 30' 0.000 W °

Coordinates are relative to: CWU #1431-15D, Sec. 15

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302

Grid Convergence at Surface is: 1.33°



EOG RESOURCES, INC. CWU #1426-15D, #1428-15D, #1429-15D,

#1430-15D & #1431-15D

LOCATED IN UINTAH COUNTY, UTAH SECTION 15, T9S, R22E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

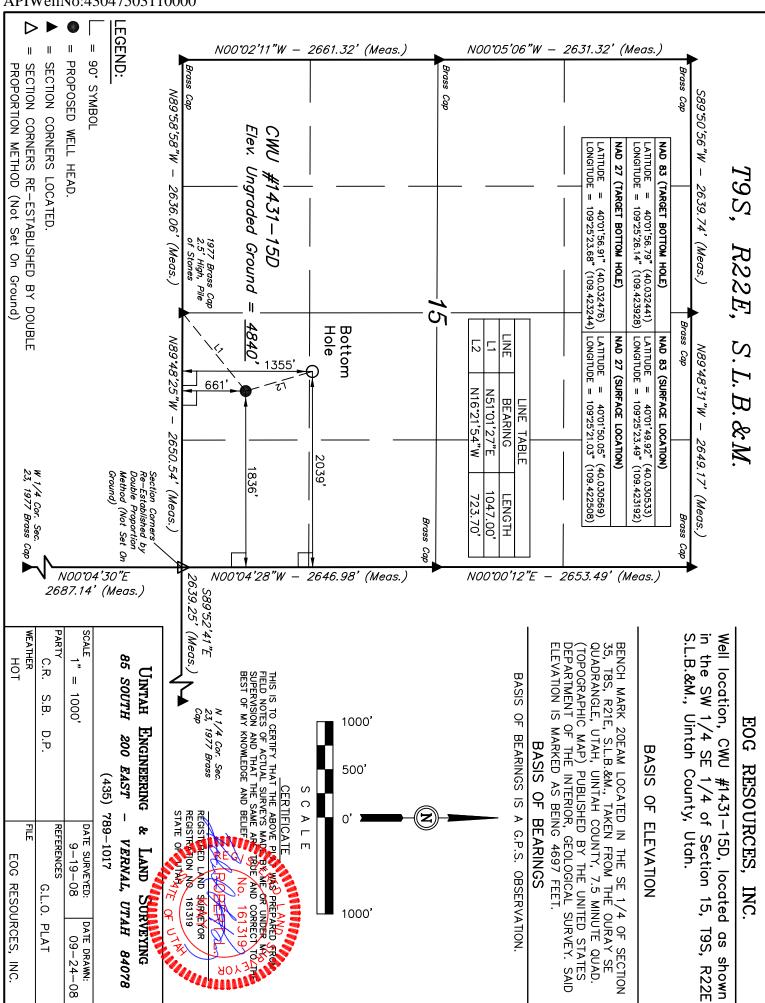


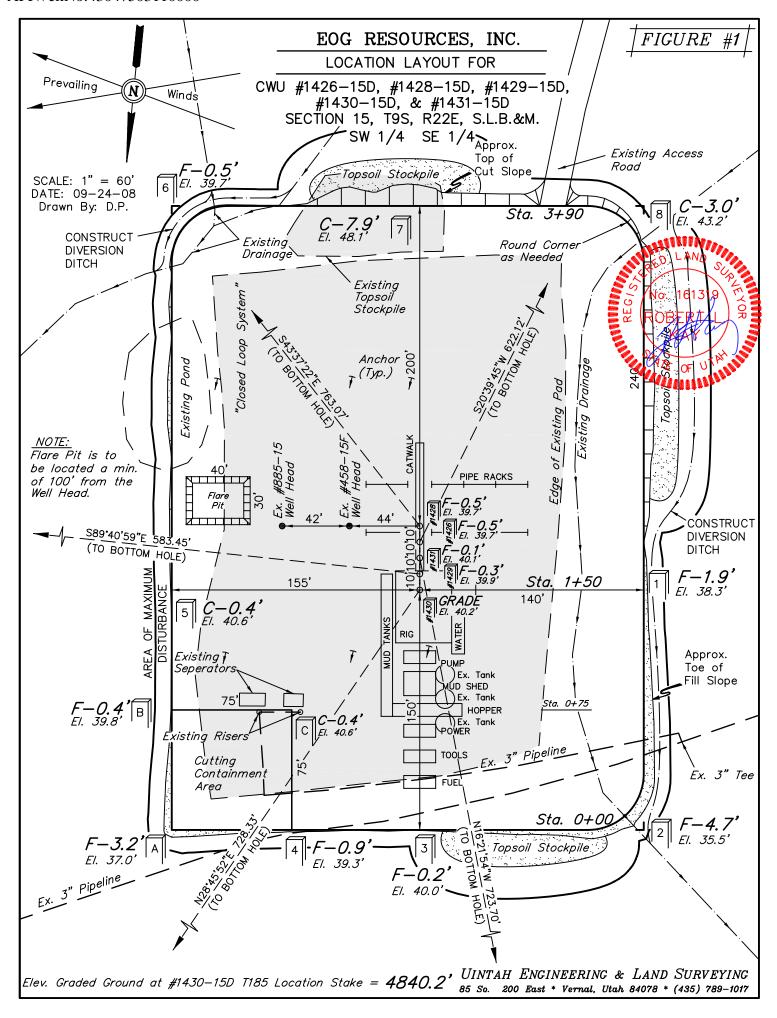
PHOTO: VIEW OF EXISTING ACCESS

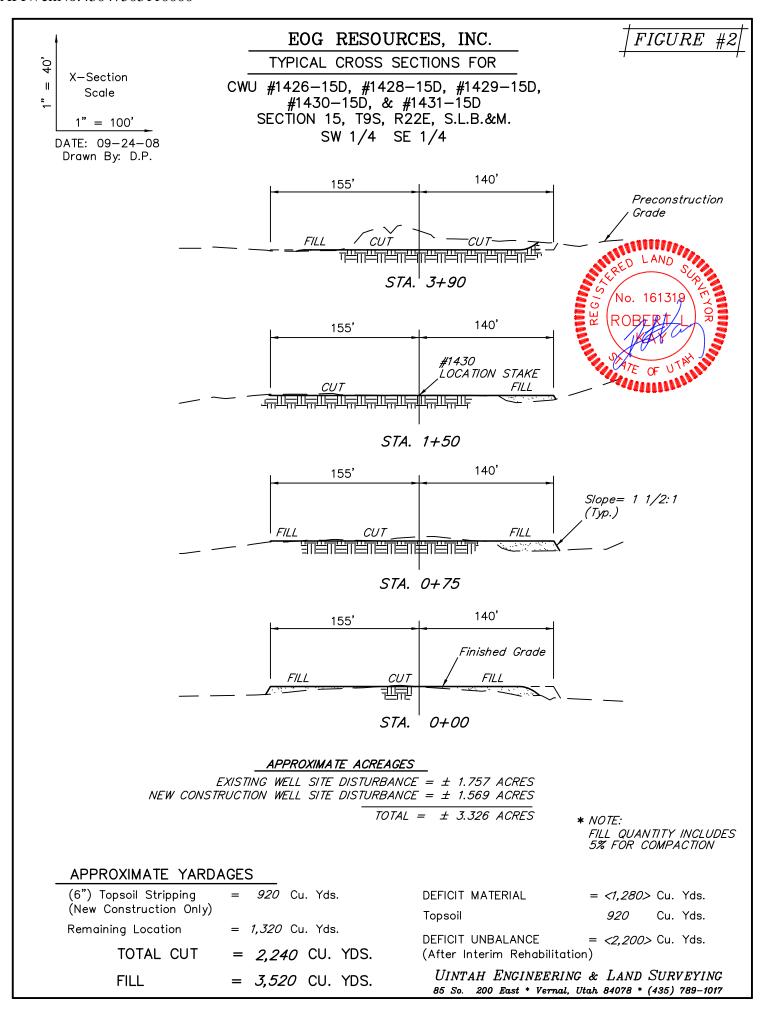
CAMERA ANGLE: NORTHEASTERLY

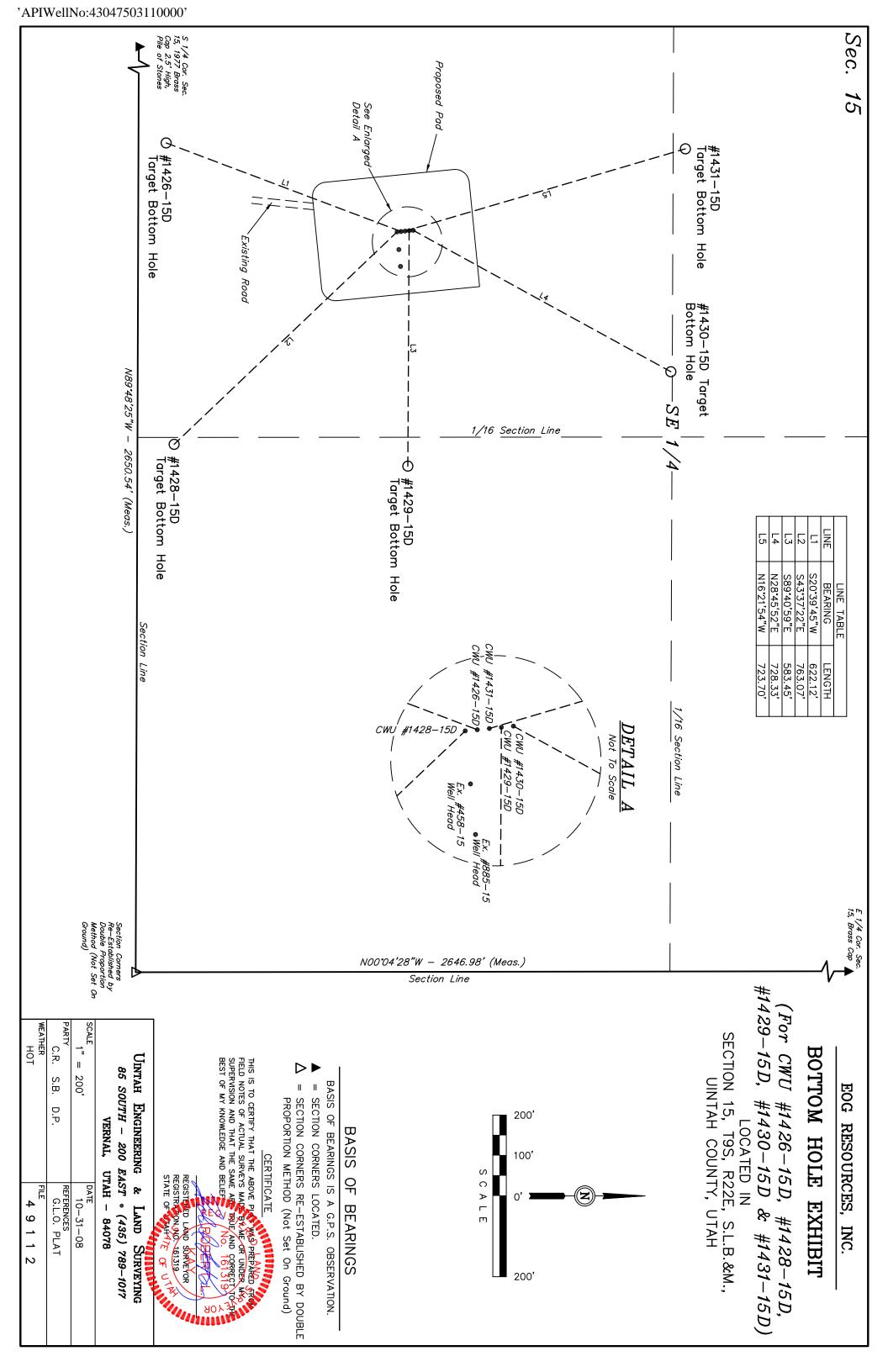


LOCATION	PHOTOS	09 MONTH	25 DAY	08 YEAR	рното
TAKEN BY: C.R.	DRAWN BY: D.P	. REV	ISED: (00-00-00	





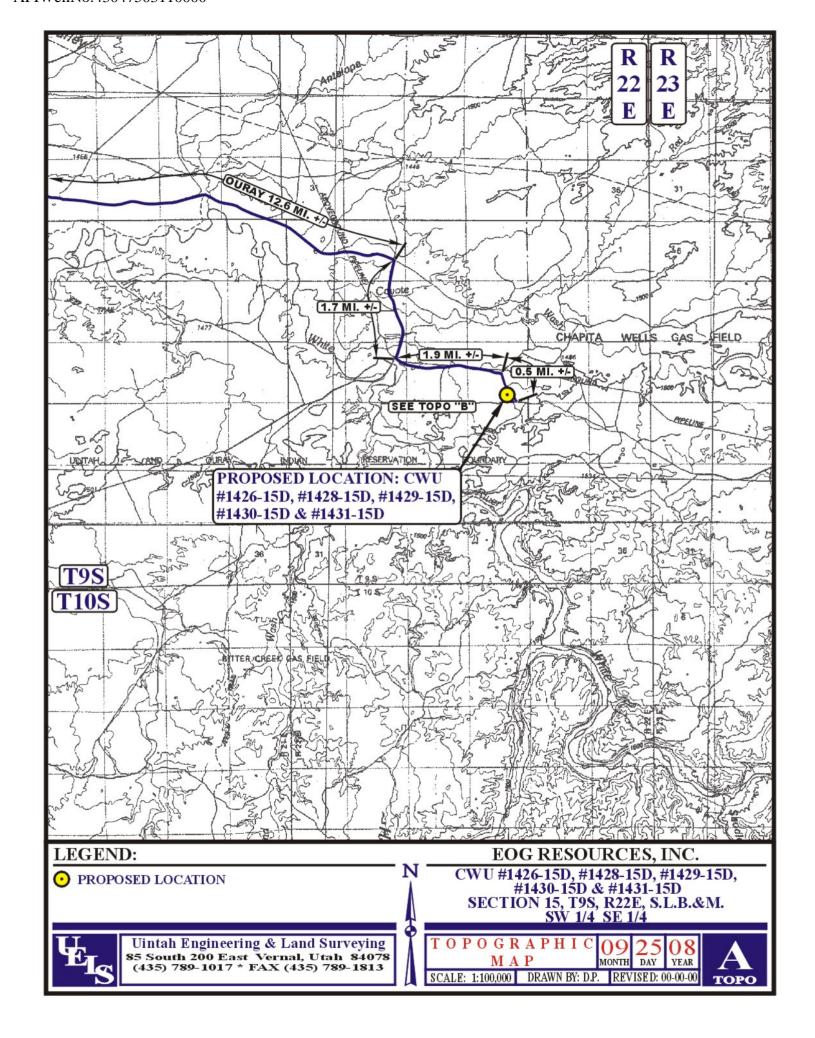


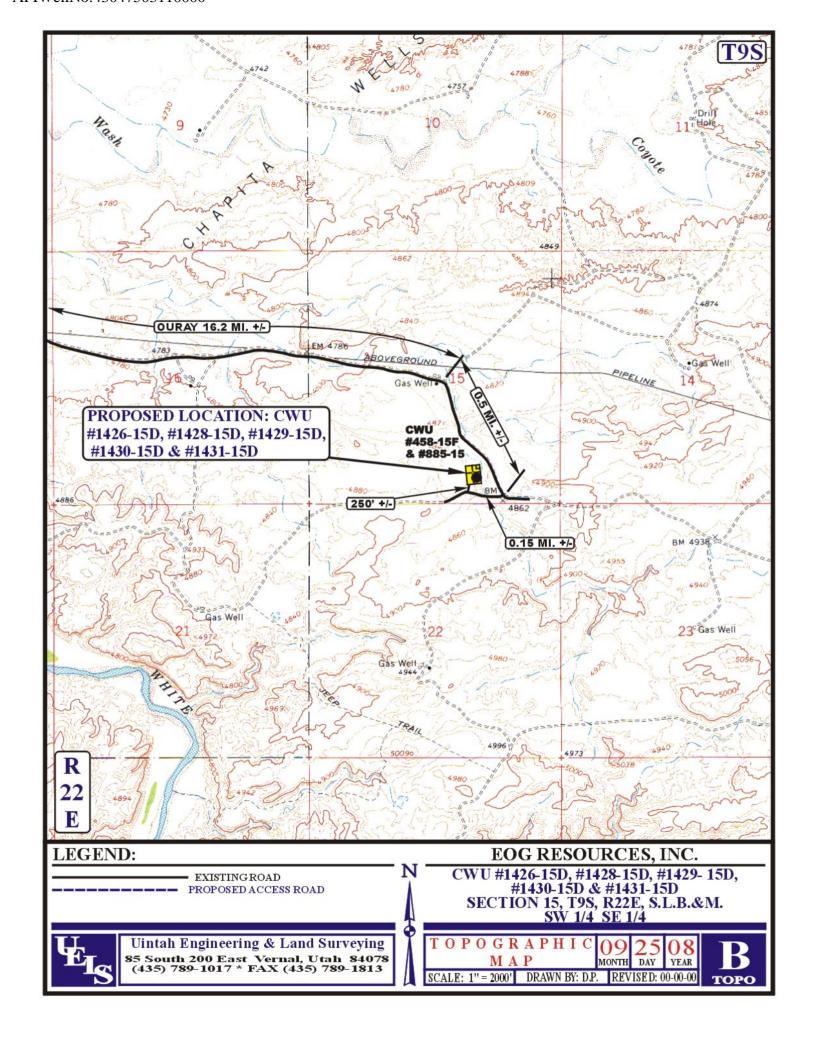


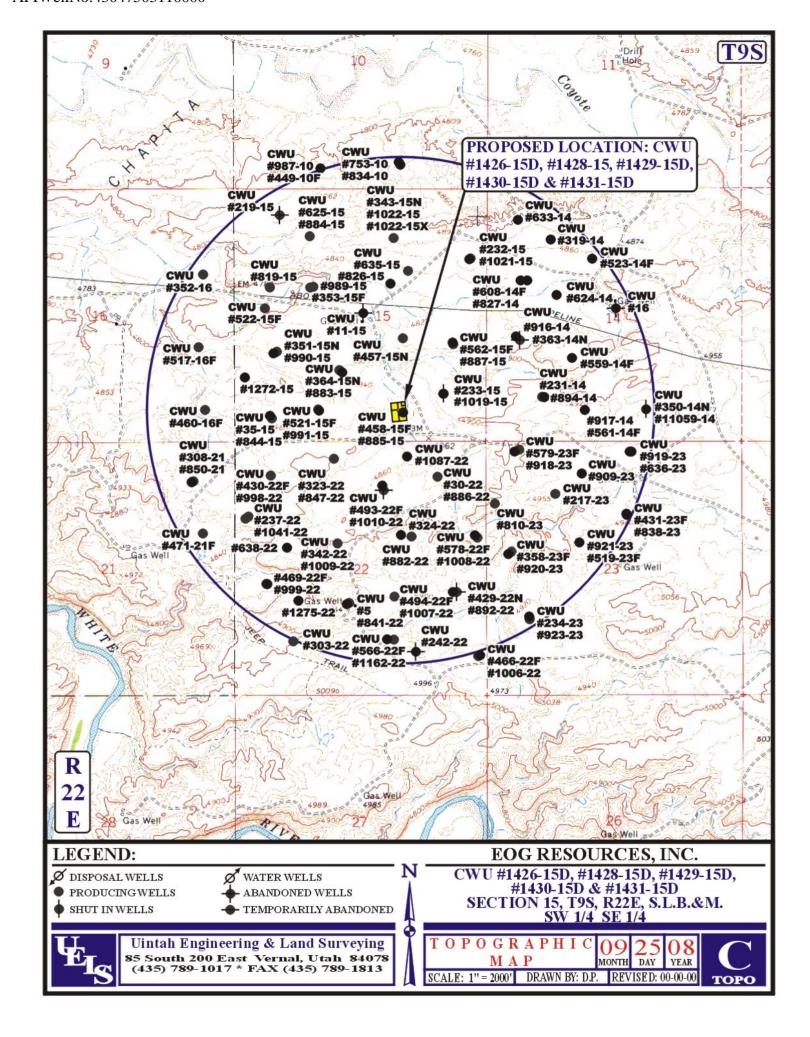
EOG RESOURCES, INC. CWU #1426-15D, #1428-15D, #1429-15D, #1430-15D, & #1431-15D SECTION 15, T9S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH: PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 250' TO THE CWU #458-15F, CWU #885-15 AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 47.85 MILES.









Chapita Wells Unit 1426-15D, 1428-15D, 1429-15D, 1430-15D, 1431-15D SWSE, Section 15, T9S, R22E Uintah County, Utah

SURFACE USE PLAN

The well pad is approximately 350 feet long with a 295-foot width, containing 2.37 acres more or less. The well access road is approximately 250 feet long with a 40-foot right-of-way, disturbing approximately 0.17 acres. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.54 acres.

1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 47.9 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 250 in length, Culvert's if necessary See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 40-foot permanent right-of-way is requested. No surfacing material will used.

J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. No of well pad pipeline will be required. The existing pipeline for producing Chapita Wells Unit 458-15F and Chapita Wells Unit 885-15 will be used.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- 5. Proposed pipeline will be laid on surface.
- 6. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

 Cuttings will be confined and dried in a cuttings pit. Dried cuttings shall be spread on the access road.

- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD CWU 2-29 SWD, Red Wash Evaporation Ponds 1, 2, 3, 4, 5, 6, or 7, or Coyote Evaporation Ponds 1, 2,3, or 4, or White River Evaporation Ponds 1, or 2, or Hoss SWD Facility. right-of-way UTU 86010, UTU 897093 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either natural or artificial evaporation methods, or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the closed loop system will be avoided by flaring them off in the flare pit at the time of recovery.

The referenced well will be drilling utilizing a closed loop system. The closed loop system will be installed in a manner that preventing leaks, breaks, or discharge. Drill cutting will be contained in an area approximately 50' x 100'. The surface drill cuttings pile will be bermed and lined with bentonite. Drill cuttings will be dried and spread on location. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in

threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

8. Ancillary Facilities:

None anticipated.

9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The proposed location will be drilled utilizing a closed loop system.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil west of corner #5. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protect of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the south.

The existing pond will be moved to the eastern edge of the proposed well pad.

10. PLANS FOR RECLAMATION OF THE SURFACE:

A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Crested Wheatgrass	9.0
Kochia Prostrata	3.0

^{*}Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
 - Whether the materials appear eligible for the National Register of Historic Places;
 - The mitigation measures the operator will likely have to undertake before the site can be used.
 - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A block cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants, MOAC Report # 06-611, on March 15, 2007. A paleontological survey was conducted and submitted by Intermountain Paleo, MOAC Report # 04-228,.on September 29, 2004

Additional Surface Stipulations:

CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15D, 1430-15D, 1431-15D Surface Use Plan

Page 8

None

Page 9

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Kaylene R. Gardner EOG Resources, Inc. P.O. Box 1815 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15D, 1430-15D, 1431-15D Surface Use Plan

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CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

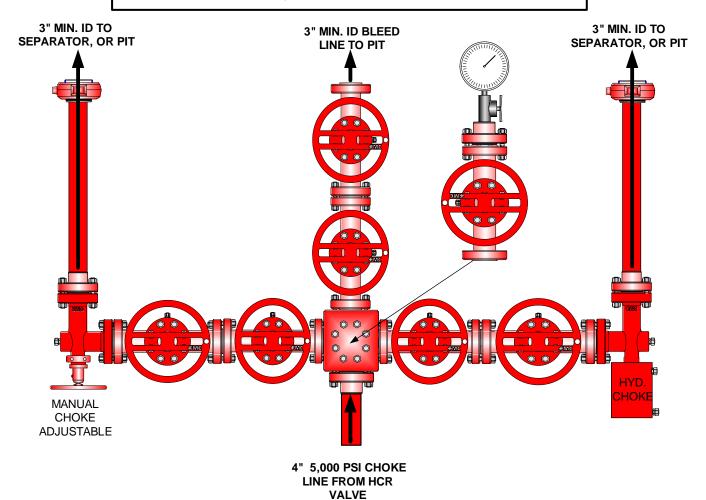
Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1426-15D, 1428-15D, 1429-15D, 1430-15D, 1431-15D Wells, located in the SWSE, of Section 15, T9S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

March 3, 2009	
Date	Kaylene R. Gardner Regulatory Administrator

Onsite Date: February 18, 2009

EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 0F 2



Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

March 30, 2009

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2009 Plan of Development Chapita Wells Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2009 within the Chapita Wells Unit, Uintah County, Utah.

API # WELL NAME LOCATION

(Proposed PZ Wasatch)

43-047-50292 CWU 4026-22 Sec 22 T09S R23E 0836 FSL 0702 FWL 43-047-50293 CWU 4023-22 Sec 22 T09S R23E 2128 FNL 0792 FWL 43-047-50294 CWU 4018-21 Sec 21 T09S R23E 0702 FSL 1684 FEL 43-047-50296 CWU 4029-27 Sec 27 T09S R23E 2078 FNL 0449 FWL 43-047-50297 CWU 4033-27 Sec 27 T09S R23E 2047 FSL 1941 FWL 43-047-50298 CWU 4028-27 Sec 27 T09S R23E 0892 FNL 1920 FWL 43-047-50299 CWU 4014-30 Sec 30 T09S R23E 0628 FNL 0703 FEL 43-047-50307 CWU 4031-27 Sec 27 T09S R23E 1844 FNL 1920 FEL 43-047-50309 CWU 4021-28 Sec 28 T09S R23E 0618 FSL 1686 FWL 43-047-50310 CWU 4013-30 Sec 30 T09S R23E 0974 FNL 2006 FEL 43-047-50295 CWU 779-20 Sec 20 T09S R23E 2002 FNL 1789 FEL

(Proposed PZ Mesaverde)

43-047-50305 CWU 1427-22D Sec 22 T09S R22E 0378 FNL 2112 FWL BHL Sec 22 T09S R22E 0757 FNL 1838 FWL 43-047-50306 CWU 1258-20 Sec 20 T09S R23E 1800 FNL 2029 FWL 43-047-50311 CWU 1431-15D Sec 15 T09S R22E 0661 FSL 1836 FEL BHL Sec 15 T09S R22E 1355 FSL 2039 FEL 43-047-50312 CWU 1430-15D Sec 15 T09S R22E 0681 FSL 1838 FEL BHL Sec 15 T09S R22E 1321 FSL 1486 FEL 43-047-50313 CWU 1429-15D Sec 15 T09S R22E 0671 FSL 1837 FEL BHL Sec 15 T09S R22E 0670 FSL 1253 FEL 43-047-50314 CWU 1130-20 Sec 20 T09S R23E 0845 FNL 0463 FWL

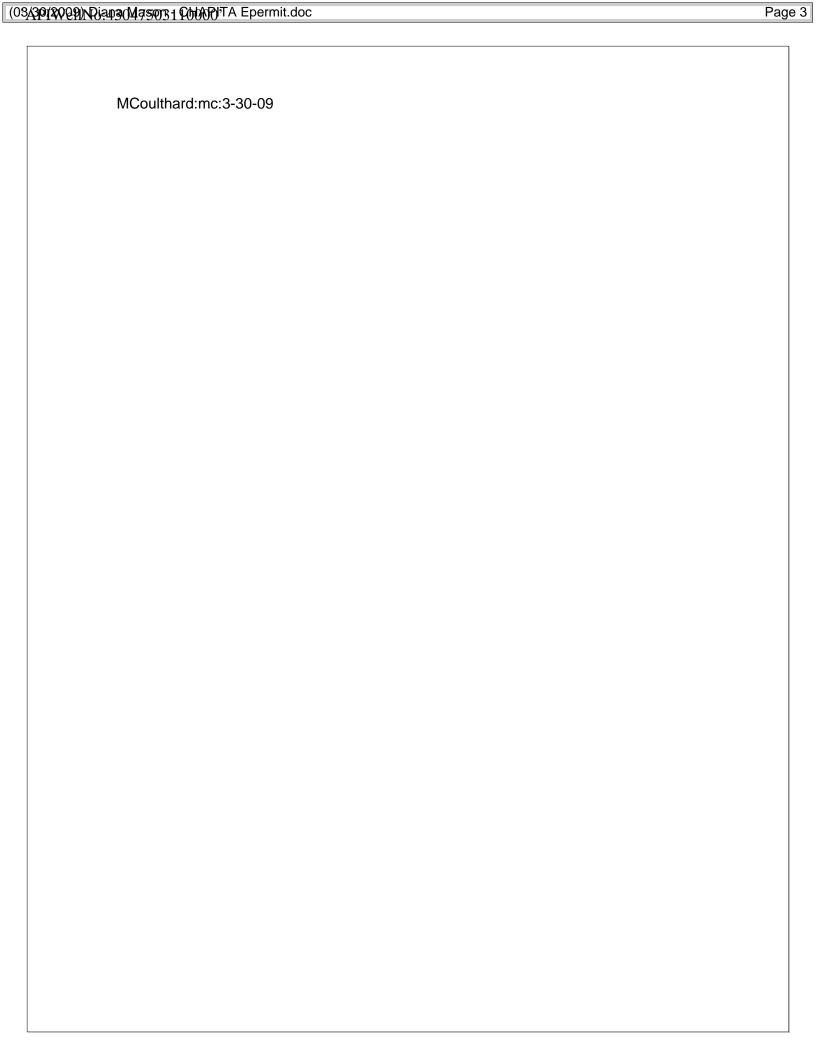
Page 2

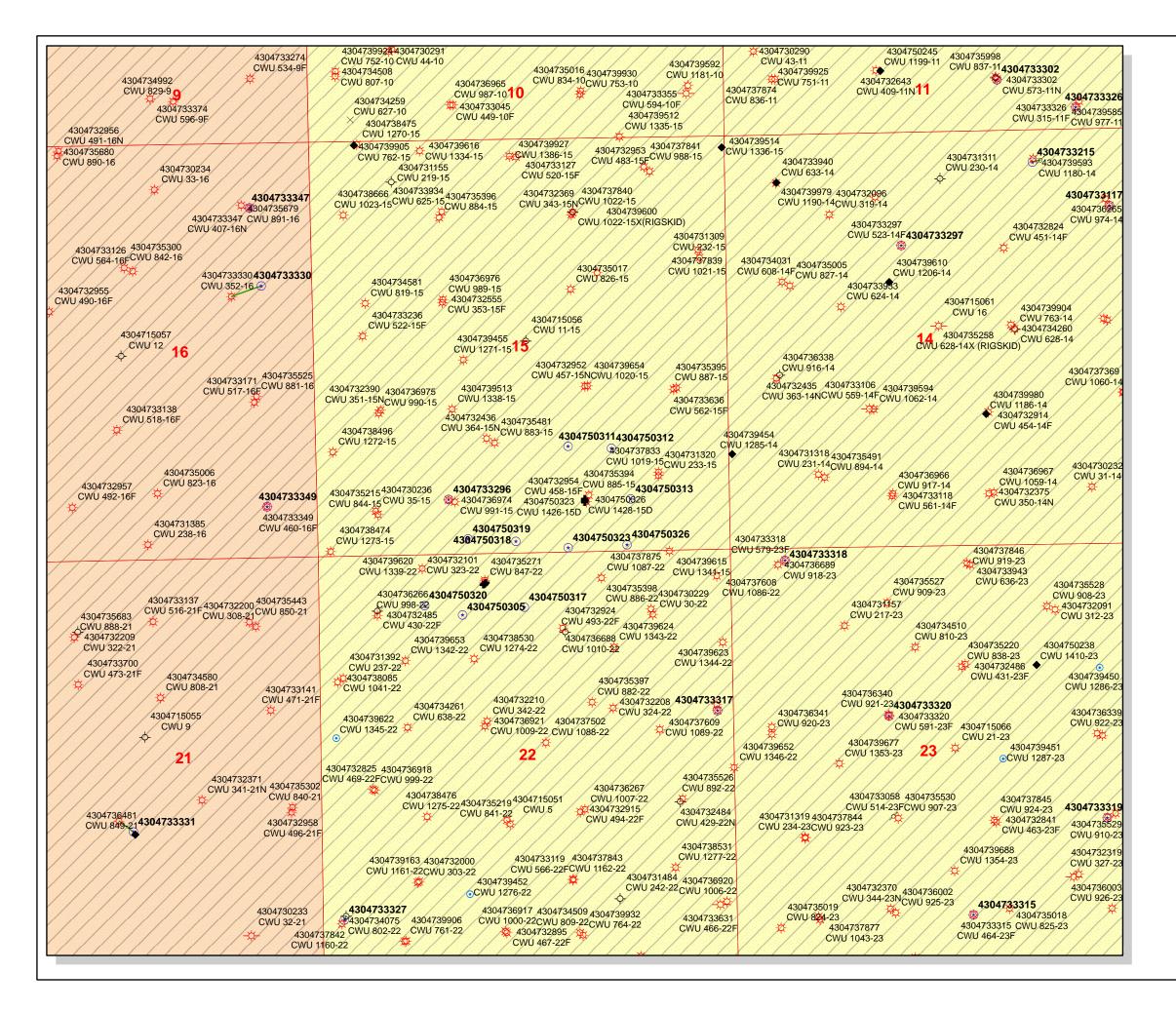
43-047-50315 CWU 1121-28 Sec 28 T09S R23E 0634 FNL 0839 FWL 43-047-50316 CWU 1097-28 Sec 28 T09S R23E 0856 FSL 2053 FEL 43-047-50317 CWU 1434-22D Sec 22 T09S R22E 0372 FNL 2120 FWL BHL Sec 22 T09S R22E 0678 FNL 2621 FWL 43-047-50318 CWU 1432-22D Sec 22 T09S R22E 0360 FNL 2137 FWL BHL Sec 15 T09S R22E 0160 FSL 2526 FWL 43-047-50319 CWU 1433-22D Sec 22 T09S R22E 0366 FNL 2128 FWL BHL Sec 15 T09S R22E 0201 FSL 1920 FWL 43-047-50320 CWU 1425-22D Sec 22 T09S R22E 0384 FNL 2104 FWL BHL Sec 22 T09S R22E 0635 FNL 1357 FWL 43-047-50321 CWU 1259-20 Sec 20 T09S R23E 0594 FSL 2004 FEL 43-047-50322 CWU 1260-21 Sec 21 T09S R23E 2304 FSL 1092 FWL 43-047-50323 CWU 1426-15D Sec 15 T09S R22E 0651 FSL 1835 FEL BHL Sec 15 T09S R22E 0068 FSL 2055 FEL 43-047-50324 CWU 1264-22 Sec 22 T09S R23E 2226 FSL 0896 FWL 43-047-50325 CWU 1261-21 Sec 21 T09S R23E 2616 FSL 1561 FEL 43-047-50326 CWU 1428-15D Sec 15 T09S R22E 0641 FSL 1834 FEL BHL Sec 15 T09S R22E 0091 FSL 1308 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron



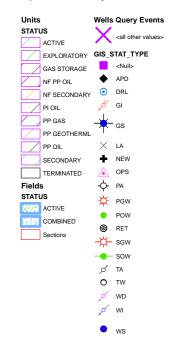


API Number: 4304750311
Well Name: CWU 1431-15D

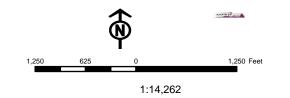
Township 09.0 S Range 22.0 E Section 15

Meridian: SLBMOperator: EOG RESOURCES, INC.

Map Prepared:
Map Produced by Diana Mason









EOG Resources, Inc. 600 Seventeenth Street Suite 1000N Denver, CO 80202 Main: 303-572-9000 Land Fax: 303-824-5401

April 9, 2009 HAND DELIVERED

Kerr-McGee Oil & Gas Onshore LP 1099 18th Street, Suite 1200 Denver, Colorado 80202

Attention: Mr. Chris Latimer

1369 43.047.50311

RE:

CWU 1431-15D Uintah County, Utah Chapita Wells Unit

Gentlemen:

EOG Resources, Inc. ("EOG") plans to directionally drill the CWU 1431-15D as a Mesaverde well in the SW/4SE/4 of Section 15, Township 9 South, Range 22 East, Uintah County, Utah.

Enclosed is a copy of the survey plat for the CWU 1431-15D well and another plat which shows the proposed path of the wellbore with a 460 foot radius from all points along the intended wellbore. Pursuant to Oil & Gas Conservation Rule R649-3-11, EOG must obtain the written consent of all owners within this 460 foot radius of the wellbore and file same with the Division of Oil, Gas and Mining prior to drilling.

Therefore, EOG respectfully requests your consent to this directional well by having this letter dated and executed in the spaces provided below and returning one (1) originally executed copy to my attention at the letterhead address at your very earliest opportunity.

If you have any questions, please don't hesitate to contact the undersigned at (303) 824-5430

Sincerely,

EOG RESOURCES, INC

Debbie Spears Land Associate

/das M:\das\CWU1431-15D.doc

Kerr-McGee Oil & Gas Onshore LP hereby consents to the directional drilling of the CWU 1431-15D well this

36/4 day of April, 2009.

...y. ___

itle: Senion

State Cardona

RECEIVED

MAY 19 2009

energy opportunity growth

DIV. OF OIL, GAS & MINING

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED:	3/26/2009	API NO. ASSIGNED:	43047503110000
WELL NAME:	CWU 1431-15D		
OPERATOR:	EOG Resources, Inc. ((N9550) PHONE NUMBER:	435 781-9111
CONTACT:	Kaylene Gardner		
PROPOSED LOCATION:	SWSE 15 090S 220E	Permit Tech Review:	
SURFACE:	0661 FSL 1836 FEL	Engineering Review:	
воттом:	1355 FSL 2039 FEL	Geology Review:	
COUNTY:	UINTAH		
LATITUDE:		LONGITUDE:	-109.42261
UTM SURF EASTINGS:	634592.00	NORTHINGS:	4432139.00
FIELD NAME:	NATURAL BUTTES		
LEASE TYPE:	1 - Federal		
LEASE NUMBER:	UTU0283A PR	ROPOSED PRODUCING FORMATION(S): MESA	VERDE
SURFACE OWNER:	1 - Federal	COALBED METHANE:	NO
RECEIVED AND/OR REVIEWE	D:	LOCATION AND SITING:	
<u></u> PLAT		R649-2-3.	
☑ Bond: FEDERAL - NM2308		Unit: CHAPITA WELLS	
Potash		R649-3-2. General	
☑️ Oil Shale 190-5			
Oil Shale 190-3		R649-3-3. Exception	
Oil Shale 190-13		✓ Drilling Unit	
✓ Water Permit: 49-225		Board Cause No: Cause 179-8	
RDCC Review:		Effective Date: 8/10/1999	
Fee Surface Agreement		Siting: Suspends General Siting	
Intent to Commingle		✓ R649-3-11. Directional Drill	
Commingling Approved			
Comments: Presite Comp	leted		

4 - Federal Approval - dmason 15 - Directional - dmason 17 - Oil Shale 190-5(b) - dmason Stipulations:

API Well No: 43047503110000



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: CWU 1431-15D **API Well Number:** 43047503110000

Lease Number: UTU0283A **Surface Owner:** FEDERAL **Approval Date:** 5/20/2009

Issued to:

EOG Resources, Inc., 1060 East Highway 40, Vernal, UT 84078

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 179-8. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

API Well No: 43047503110000

Notification Requirements:

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

Reporting Requirements:

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Approved By:

Gil Hunt

Associate Director, Oil & Gas

Die Hunt

		FORM 9	
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
SUND	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deeper igged wells, or to drill horizontal laterals. I		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1431-15D
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047503110000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSE Section: 15	(P, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	☐ ACIDIZE	ALTER CASING	☐ CASING REPAIR
Approximate date work will start: 4/1/2010	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	☐ OPERATOR CHANGE	FRACTURE TREAT PLUG AND ABANDON	□ NEW CONSTRUCTION □ PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
Dute of Spaul	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	□ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
12 DESCRIBE BRODOSED OR CO	DMPLETED OPERATIONS. Clearly show all pe		'
	see the revised drilling plan f		Accepted by the Utah Division of Oil, Gas and Mining
			y:
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBER 307 276-4842	R TITLE Regulatory Assistant	
SIGNATURE N/A		DATE 4/1/2010	



DRILLING PLAN MULTI-WELL PAD:

CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D, SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

	CWU 1	CWU 1426-15D		428-15D	CWU 1429-15D		CWU 1430-15D	
FORMATION	TVD	MD	TVD	MD	TVD	MD	TVD	MD
Green River	1729	1735	1724	1732	1729	1734	1734	1741
Mahogany Oil Shale Bed	2376	2384	2372	2385	2381	2388	2387	2472
Wasatch	4760	4779	4754	4782	4754	4782	4782	4807
Chapita Wells	5347	5368	5337	5369	5354	5373	5367	5396
Buck Canyon	6040	6063	6027	6063	6048	6069	6067	6099
North Horn	6706	6733	6706	6733	6707	6731	6732	6768
KMV Price River	7229	7257	7216	7259	7241	7266	7269	7307
KMV Price River Middle	8083	8112	8068	8111	8093	8118	8122	8160
KMV Price River Lower	8867	8895	8853	8896	8876	8901	8903	8941
Sego	9374	9402	9367	9410	9380	9405	9422	9460
TD	9580	9608	9570	9613	9580	9605	9630	9668
ANTICIPATED BHP (PSI)	5231		5225		5231		5258	

	CWU 1	CWU 1431-15D				
FORMATION	TVD	MD				
Green River	1735	1742				
Mahogany Oil Shale Bed	2388	2399				
Wasatch	4783	4809				
Chapita Wells	5370	5399				
Buck Canyon	6072	6105				
North Horn	6743	6780				
KMV Price River	7279	7318				
KMV Price River Middle	8135	8174				
KMV Price River Lower	8915	8953				
Sego	9427	9466				
TD	9630	9669				
ANTICIPATED BHP (PSI)	5258			-	•	

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT: Production Hole – 5000 Psig



DRILLING PLAN MULTI-WELL PAD: CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D, SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

BOP schematic diagrams attached.

4. CASING PROGRAM:

Casing	Hole Size	Length	Size	Weight	Grade	Thread	Rating Collapse	Rating Burst	Tensile
Conductor	20"	0 – 60'	14"	32.5#	A252			1800 PSI	10,000#
Surface	12 1/4"	0 - 2,300'±	9 5%"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
Production	7 7/8"	Surface - TD	4 ½"	11.6#	N-80	LTC	6350 PSI	7780 PSI	223,000#

Note: 12 1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/6" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

0' - 2300'± Air/Air mist/Aerated water

or

A closed mud system will be utilized with a gelled bentonite system. LCM sweeps, additions, etc. will be utilized as necessary.



DRILLING PLAN MULTI-WELL PAD: CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D, SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5-10.5 ppg depending on actul wellbore conditions encountered while drilling.

2300'± - TD

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- o EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs: None

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Gamma Ray



DRILLING PLAN MULTI-WELL PAD:

CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D, SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 150 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂,

3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 135 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk.,

5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6

ppg, 1.18 ft³/sk., 5.2 gps water.

Note: The above number of sacks is based on gauge-hole calculation

Lead volume to be calculated to bring cement to surface.

Tail volume to be calculated to bring cement to 500' above the shoe.

Production Hole Procedure (2300'± - TD)

Lead: 128 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 929 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant),

mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.



DRILLING PLAN MULTI-WELL PAD: CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D, SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. Air Drilling Operations:

- Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

		FORM 9	
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
SUND	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deeper igged wells, or to drill horizontal laterals. I		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1431-15D
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047503110000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSE Section: 15	(P, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	☐ ACIDIZE	ALTER CASING	☐ CASING REPAIR
Approximate date work will start: 4/1/2010	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	☐ OPERATOR CHANGE	FRACTURE TREAT PLUG AND ABANDON	□ NEW CONSTRUCTION □ PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
Dute of Spaul	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	□ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
12 DESCRIBE BRODOSED OR CO	DMPLETED OPERATIONS. Clearly show all pe		'
	see the revised drilling plan f		Accepted by the Utah Division of Oil, Gas and Mining
			y:
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBER 307 276-4842	R TITLE Regulatory Assistant	
SIGNATURE N/A		DATE 4/1/2010	



DRILLING PLAN MULTI-WELL PAD:

CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D, SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

	CWU 1	CWU 1426-15D		428-15D	CWU 1429-15D		CWU 1430-15D	
FORMATION	TVD	MD	TVD	MD	TVD	MD	TVD	MD
Green River	1729	1735	1724	1732	1729	1734	1734	1741
Mahogany Oil Shale Bed	2376	2384	2372	2385	2381	2388	2387	2472
Wasatch	4760	4779	4754	4782	4754	4782	4782	4807
Chapita Wells	5347	5368	5337	5369	5354	5373	5367	5396
Buck Canyon	6040	6063	6027	6063	6048	6069	6067	6099
North Horn	6706	6733	6706	6733	6707	6731	6732	6768
KMV Price River	7229	7257	7216	7259	7241	7266	7269	7307
KMV Price River Middle	8083	8112	8068	8111	8093	8118	8122	8160
KMV Price River Lower	8867	8895	8853	8896	8876	8901	8903	8941
Sego	9374	9402	9367	9410	9380	9405	9422	9460
TD	9580	9608	9570	9613	9580	9605	9630	9668
ANTICIPATED BHP (PSI)	5231		5225		5231		5258	

	CWU 1	CWU 1431-15D				
FORMATION	TVD	MD				
Green River	1735	1742				
Mahogany Oil Shale Bed	2388	2399				
Wasatch	4783	4809				
Chapita Wells	5370	5399				
Buck Canyon	6072	6105				
North Horn	6743	6780				
KMV Price River	7279	7318				
KMV Price River Middle	8135	8174				
KMV Price River Lower	8915	8953				
Sego	9427	9466				
TD	9630	9669				
ANTICIPATED BHP (PSI)	5258			-	•	

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT: Production Hole – 5000 Psig



DRILLING PLAN MULTI-WELL PAD: CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D, SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

BOP schematic diagrams attached.

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A closed mud system will be utilized with a gelled bentonite system. LCM sweeps, additions, etc. will be utilized as necessary.



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8. EVALUATION PROGRAM:

Logs: None

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

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CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D, SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

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Tail: 135 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk.,

5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6

ppg, 1.18 ft³/sk., 5.2 gps water.

Note: The above number of sacks is based on gauge-hole calculation

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(Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

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Final Cement volumes will be based upon gauge-hole plus 45% excess.



DRILLING PLAN MULTI-WELL PAD: CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D,

SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

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Surface Hole (Surface - 2300'±):

Lost circulation

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11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
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- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

			FORM 9		
	STATE OF UTAH				
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A		
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposottom-hole depth, reenter plu DRILL form for such proposals.	sals to drill new wells, significantly deeper ugged wells, or to drill horizontal laterals. \	n existing wells below current Use APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1431-15D		
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047503110000		
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	9. FIELD and POOL or WILDCAT: NATURAL BUTTES				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL		COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSE Section: 15	S	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME		
5/13/2010	CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE		
	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
SUBSEQUENT REPORT Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	PLUG BACK		
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT					
Date of Spud:		☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
_	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL		
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION		
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:		
	respectfully requests the APC extended for one year.) for the referenced well be			
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBER 307 276-4842	R TITLE Regulatory Assistant			
SIGNATURE	307 270-4842	DATE			
N/A		5/13/2010			



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047503110000

API: 43047503110000 Well Name: CWU 1431-15D

Location: 0661 FSL 1836 FEL QTR SWSE SEC 15 TWNP 090S RNG 220E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 5/20/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the req

the informat require revi	tion as submitted in sion. Following is a c	the previously hecklist of son	approved applica ne items related t	tión to drill, i o the applica	emains v	/álid and does not ch should be verif	ied.
	ated on private land, ed? 🗍 Yes 📵 No		ship changed, if s	so, has the su	rface agı	reement been	
• Have siting	any wells been drille requirements for th	d in the vicinit s location?	y of the proposed Yes 📵 No	l well which w	ould affo	ect the spacing or	ı
	nere been any unit o s proposed well?		ents put in place	that could af	ect the p	ermitting or oper	ation
	there been any chan the proposed location			g ownership,	or righto	of- way, which cou	ıld
• Has th	ne approved source o	of water for dri	lling changed? (Yes 📵 🛚	lo		
	there been any phys je in plans from wha						l
• Is bor	nding still in place, w	hich covers th	is proposed well?	Yes	No Ut	proved by the ah Division of Gas and Mining	J
Signature:	Michelle Robles	Date:	5/13/2010				
Title:	Regulatory Assistant	Representina:	EOG RESOURCES.	INC.	ate:	May 17, 2010	
	5 ,		,		w. And	RUM	

	STATE OF UTAH				FORM 9	
	DIVISION OF OIL, GAS, AND MI		3	5.LEAS	SE DESIGNATION AND SERIAL NUMBER: 283A	
SUNDF	RY NOTICES AND REPORTS	5 ON	WELLS	6. IF I	NDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepe gged wells, or to drill horizontal laterals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS		
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 1431-15D		
2. NAME OF OPERATOR: EOG Resources, Inc.					NUMBER: 7503110000	
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna			JMBER: xt		LD and POOL or WILDCAT: IRAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL	COUN' UINT					
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSE Section: 15	STATE					
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NA	ATURE OF NOTICE, REPOR	Γ, OR OT	HER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
_	☐ ACIDIZE	,	ALTER CASING		CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME	
5/4/2011	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	s [CONVERT WELL TYPE	
SUBSEQUENT REPORT	DEEPEN	□ .	FRACTURE TREAT		NEW CONSTRUCTION	
Date of Work Completion:	OPERATOR CHANGE	□ ,	PLUG AND ABANDON		PLUG BACK	
	PRODUCTION START OR RESUME	□ r	RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	□ •	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON	
	☐ TUBING REPAIR	□ ,	/ENT OR FLARE		WATER DISPOSAL	
☐ DRILLING REPORT	☐ WATER SHUTOFF	□ s	SI TA STATUS EXTENSION	V	APD EXTENSION	
Report Date:	☐ WILDCAT WELL DETERMINATION		OTHER	ОТ	HER:	
12 DESCRIPE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pe				!	
	respectfully requests the API extended for one year	D for		oe	Approved by the	
					Utah Division of il, Gas and Mining	
			ı	Date:	05/04/2011	
				By:	x.005cy/SIL	
					<i>M</i>	
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBER 307 276-4842	۲	TITLE Regulatory Assistant			
SIGNATURE N/A		\neg	DATE 5/4/2011			



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047503110000

API: 43047503110000 **Well Name:** CWU 1431-15D

Location: 0661 FSL 1836 FEL QTR SWSE SEC 15 TWNP 090S RNG 220E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 5/20/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

 If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
 Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? Yes No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No

Signature: Michelle Robles **Date:** 5/4/2011

Title: Regulatory Assistant Representing: EOG RESOURCES, INC.

	STATE OF UTAH				FORM 9	
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M		3	5.LEAS	E DESIGNATION AND SERIAL NUMBER: 283A	
SUNDR	RY NOTICES AND REPORTS	s on	I WELLS	6. IF II	NDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepe gged wells, or to drill horizontal laterals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS		
1. TYPE OF WELL Gas Well					L NAME and NUMBER: 1431-15D	
2. NAME OF OPERATOR: EOG Resources, Inc.					NUMBER: 7503110000	
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna			UMBER: xt	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL				COUNT		
QTR/QTR, SECTION, TOWNSHI	P, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian	STATE: UTAH				
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPORT,	OR OT	HER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
	☐ ACIDIZE		ALTER CASING		CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME	
5/6/2011	☐ CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE	
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT		NEW CONSTRUCTION		
Date of Work Completion:	OPERATOR CHANGE		PLUG AND ABANDON		PLUG BACK	
	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON	
	☐ TUBING REPAIR		VENT OR FLARE		WATER DISPOSAL	
☐ DRILLING REPORT	☐ WATER SHUTOFF		SI TA STATUS EXTENSION		APD EXTENSION	
Report Date:	□ WILDCAT WELL DETERMINATION		OTHER	ОТН	IER:	
13 DESCRIPE PROPOSED OF CO			-			
	MPLETED OPERATIONS. Clearly show all prespectfully requests authori				etc.	
,	Plan as per the attache		J		Assembled by the	
					Accepted by the Utah Division of	
					l, Gas and Mining	
				•		
			D	ate:_	05/10/2011	
			_		LIST K Junt	
			В	у:		
NAME (PLEASE PRINT)	PHONE NUMBE	R	TITLE			
Mickenzie Gates	435 781-9145		Operations Clerk			
SIGNATURE N/A			DATE 5/6/2011			



DRILLING PLAN MULTI-WELL PAD: CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D, SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

	CWU 1426-15D		CWU 14	429-15D	CWU 1430-15D			
FORMATION	TVD	MD	TVD	MD	TVD	MD	TVD	MD
Green River	1729	1735	1724	1732	1729	1734	1734	1741
Mahogany Oil Shale Bed	2376	2384	2372	2385	2381	2388	2387	2472
Wasatch	4760	4779	4754	4782	4754	4782	4782	4807
Chapita Wells	5347	5368	5337	5369	5354	5373	5367	5396
Buck Canyon	6040	6063	6027	6063	6048	6069	6067	6099
North Horn	6706	6733	6706	6733	6707	6731	6732	6768
KMV Price River	7229	7257	7216	7259	7241	7266	7269	7307
KMV Price River Middle	8083	8112	8068	8111	8093	8118	8122	8160
KMV Price River Lower	8867	8895	8853	8896	8876	8901	8903	8941
Sego	9374	9402	9367	9410	9380	9405	9422	9460
TD	9580	9608	9570	9613	9580	9605	9630	9668
ANTICIPATED BHP (PSI)	52	31	522	25	52	231	52	258

	CWU 1	431-15D			
FORMATION	TVD	MD			
Green River	1735	1742			
Mahogany Oil Shale Bed	2388	2399			
Wasatch	4783	4809			
Chapita Wells	5370	5399			
Buck Canyon	6072	6105			
North Horn	6743	6780			
KMV Price River	7279	7318			
KMV Price River Middle	8135	8174			
KMV Price River Lower	8915	8953			
Sego	9427	9466			
TD	9630	9669			
ANTICIPATED BHP (PSI)	52	58		-	

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT: Production Hole – 5000 Psig



DRILLING PLAN MULTI-WELL PAD: CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D, SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

BOP schematic diagrams attached.

4. CASING PROGRAM:

Casing	Hole Size	Length	Size	Weight	Grade	Thread	Rating Collapse	Rating Burst	Tensile
Conductor	20"	0 – 60'	14"	32.5#	A252			1800 PSI	10,000#
Surface	12 1/4"	0 - 2,300'±	9 %"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
Production	7 7/8"	Surface - TD	4 ½"	11.6#	N-80	LTC	6350 PSI	7780 PSI	223,000#

Note: 12 1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/4" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

5. FLOAT EQUIPMENT:

Surface Casing (0'- ±2300'):

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 in middle of shoe joint, then top of every joint for next 7 joints, 2 at KOP. (10 total)

Production Casing (0' – MTD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Turbulizers to be placed 5' above shoe on joint #1, middle of joint #2 and #3. Centralizers starting on joint #4 and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

0' - 2300'± Air/Air mist/Aerated water

or

A closed mud system will be utilized with a gelled bentonite system. LCM sweeps, additions, etc. will be utilized as necessary.

8 point plan-EOG 2/6 5/6/2011



DRILLING PLAN MULTI-WELL PAD: CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D, SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5-10.5 ppg depending on actul wellbore conditions encountered while drilling.

2300'± - TD

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- o EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Loas: None

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Gamma Ray



DRILLING PLAN MULTI-WELL PAD:

CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D, SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Casing (0'- ±2300'):

Lead: Lead volume to be calculated to bring cement from 500' above casing shoe to surface. Lead cement will be:

140 sx. HES VariCem (Type III) + 2% Cal-Seal (Thixotropic Additive) + 0.3% Versaset (Thixotropic Additive) + 2% Econolite (Light Weight Additive), mixed at 10.5 ppg, 4.10 cfps, 26.88 gps fresh water

Tail: Tail volume to be calculated to bring cement 500' above casing shoe. Tail cement will be:

135 sx. HES HalCem (Type V) + 2% CaCl₂ (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water

Top Out: As necessary with:

HES HalCem (Type V) + 2% CaCl₂ (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water

Note: The above number of sacks are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 70% excess on the lead slurry and gauge hole plus 100% excess on the tail slurry.

Production Casing (0' – MTD):

Lead: Lead volume to be calculated to bring cement from 400' above top of Wasatch Formation to 200'± above 9 5/8" surface casing shoe @ ±2300' MD. For improved mud displacement, lead slurry weight will be a minimum of 0.5 ppg over mud weight utilized at well MTD and vary from 11.0 – 13.0 ppg.

If lead slurry weight required is 11.0 ppg – 12.5 ppg, cement will be:

HES Highbond 75 (75/25 Poz/G) + 6% Bentonite (Extender) + 0.3% Versaset (Thixotropic Additive) + 2% Microbond (Expansion Additive)

Calculated sacks with corresponding mixed slurry weights, yields and water requirements for above cement will be as follows:

- 210 sx. if 11.0 ppg, 2.52 cfps, 14.96 gps fresh water
- 250 sx. if 11.5 ppg, 2.12 cfps, 11.98 gps fresh water
- 290 sx. if 12.0 ppg, 1.83 cfps, 9.82 gps fresh water
- 330 sx. if 12.5 ppg, 1.61 cfps, 8.17 gps fresh water

If lead slurry weight required is 13.0 ppg, cement will be:

325 sx. HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive), mixed at 13.0 ppg, 1.63 cfps, 8.16 gps fresh water

Tail: Tail volume to be calculated to bring cement from MTD to 400' above top of Wasatch Formation. Tail cement will be:

815 sx. HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive),



DRILLING PLAN MULTI-WELL PAD:

CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D, SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

+ 0.2% HR-5 (Retarder), mixed at 13.5 ppg, 1.47 cfps, 6.98 gps fresh water

Note: The above number of sacks in all cases are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 50% excess on the lead slurry and gauge hole plus 70% excess on the tail slurry.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

8 point plan-EOG 5/6/2011



DRILLING PLAN MULTI-WELL PAD: CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D, SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

13. Air Drilling Operations:

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Cor	mpany;	EOG I	RESOURC	ES, INC			
Well Name	:	CWU	1431-15D				
Api No <u>:</u>	43-047-503	11	Lease Type	F	EDERAL	4	_
Section_15	Township_	09S Rar	nge <u>22E</u>	County	UINT	AH	_
Drilling Cor	ntractorCI	RAIG'S ROU	STABOU]	SERV	RIG#_E	BUCKET	_
SPUDDE	D:						
	Date	03/11/2012					
	Time	3:00 PM					
	How	DRY					
Drilling wi Commend	ill :e:		<u>.,.</u>			·	
Reported by		GERA	ALD ASHC	CRAFT			•
Telephone #		(435)	828-7445				_
Date	03/09 /2012	Signed	CHD				

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	oposals to drill new wells, significantly or reenter plugged wells, or to drill horizon n for such proposals.	deepen existing wells below ntal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1431-15D
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047503110000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	N , Denver, CO, 80202	PHONE NUMBER: 435 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSE Section: 1	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
✓ SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
3/11/2012	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:			
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
	COMPLETED OPERATIONS. Clearly show a sterenced well was spud on		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 30, 2012
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMB 435 781-9145	ER TITLE Operations Clerk	
SIGNATURE N/A		DATE 3/30/2012	
/ 🗅			

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
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SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
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✓ DRILLING REPORT	L TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
Report Date: 3/11/2012	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
0,11,2012	WILDCAT WELL DETERMINATION	OTHER	OTHER:
No activi	completed operations. Clearly show a	on 3/11/2012.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 30, 2012
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMB I 435 781-9145	ER TITLE Operations Clerk	
SIGNATURE		DATE	
l N/A		3/30/2012	

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

600 17th Street, Suite 1000N

Operator Account Number: N 9550

Address:

EOG Resources, Inc.

city Denver

state CO zip 80202

Phone Number: (435) 781-9145

Well 1

API Number	Well	Name QQ Sec		Sec	TWD	Rng	County	
43-047-50313	Chapita Wells Unit 14	29-15D				22E	UINTAH	
Action Code	Current Entity Number	New Entity Number			te	Entity Assignment Effective Date		
Α	99999	1360	3/10/2012		313012012			
	VERDE :: Sese	1,5400					-	

Well 2

API Number	Well	Name	QQ	Sec	Twp	Rng	County
43-047-50312	Chapita Wells Unit 1430-15D		SWSE	15	98	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	s	pud Da	(e	Enti E	ty Assignment fective Date
Α	99999	13650	3	/11/201	2		3013013
Comments:	VERDE BHL: SUSE	15050	<u> </u> 3	/11/201	<u> </u>	<u> </u>	

Well 3

	ells Unit 143	31-15D	CIMOE	4 ==		Rng	County
e eta elementario del Paris de Carlo d	Chapita Wells Unit 1431-15D		SWSE	15	98	22E	UINTAH
	Current Entity New Entity Number Number			Spud Date		Entity Assignment Effective Date	
. A 999	99	13650	3	/11/201	2	3120	7/2012

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

 RECEIVED

Mickenzie Gates

(Please Print)

Regulatory Assistant

Title

3/29/2012

(5/2000)

MAR 3 0 2012

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL	COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSE Section: 1	STATE: UTAH		
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NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
3/11/2012	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	_		
Date of Spuu.	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	L TUBING REPAIR	VENT OR FLARE	✓ WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
EOG Resources, Inc of produced water 550-30N SWD Evaporation Ponds	COMPLETED OPERATIONS. Clearly show a c. respectfully requests autho at the following locations: NE & CWU 2-29 SWD ROW# UTI 1,2,3,4,5,6&7, White River E Ponds 1&2, Coyote 1-16 SW ROW# UTU86010 & UTU897	orization for the disposal BU 20-20B SWD, CWU U85038, Red Wash vaporation Ponds 1&2, D and Hoss SWD Wells	
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBI 435 781-9145	ER TITLE Operations Clerk	
SIGNATURE	.00 .01 10	DATE	
N/A		3/30/2012	

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Cor	npany;	<u> </u>	OG RES	OURCE	S INC		
Well Name	•		CWU 143	31-15D			
Api No:	43-047-	50311	Lea	ise Type_	FED	ERAL	
Section_15	Townsh	ip <u>09S</u>	Range_	22E	_County_	UINTAH	····
Drilling Cor	ntractor	CRAIG'S	ROUST	ABOUT	R	IG#_6	
SPUDDE	D:						
	Date	04/09/	2012				
	Time	2:00	AM				
	How	ROTA	ARY	<u> </u>			
Drilling wi Commend							
Reported by			<u>KERRY</u>	SALES			
Telephone #			(801) 598	8-5087			
Date	04/10 /201	2Sign	ed	CHD_			

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Cor	npany;	<u> </u>	OG RES	OURCE	S INC		
Well Name	•		CWU 143	31-15D			
Api No:	43-047-	50311	Lea	ise Type_	FED	ERAL	
Section_15	Townsh	ip <u>09S</u>	Range_	22E	_County_	UINTAH	····
Drilling Cor	ntractor	CRAIG'S	ROUST	ABOUT	R	IG#_6	
SPUDDE	D:						
	Date	04/09/	2012				
	Time	2:00	AM				
	How	ROTA	ARY	<u> </u>			
Drilling wi Commend							
Reported by			<u>KERRY</u>	SALES			
Telephone #			(801) 598	8-5087			
Date	04/10 /201	2Sign	ed	CHD_			

Sundry Number: 25071 API Well Number: 43047503110000

			FORM 9		
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	_	I OKW 3		
,	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A				
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	oposals to drill new wells, significantly do reenter plugged wells, or to drill horizont n for such proposals.		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS		
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CWU 1431-15D				
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047503110000		
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000		PHONE NUMBER: 435 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSE Section: 1	HIP, RANGE, MERIDIAN: 15 Township: 09.0S Range: 22.0E Meridia	n: S	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT					
Date of Work Completion:	L DEEPEN L	FRACTURE TREAT	☐ NEW CONSTRUCTION		
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK		
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
4/25/2012	WILDCAT WELL DETERMINATION	OTHER	OTHER:		
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show all	pertinent details including dates, o	depths, volumes, etc.		
Surface casin	g set, please see the attached	I well chronology.	Accepted by the Utah Division of Oil, Gas and Mining		
			FOR RECORD ONLY May 09, 2012		
			,		
NAME (PLEASE PRINT)	PHONE NUMBE				
Mickenzie Gates	435 781-9145	Operations Clerk			
SIGNATURE N/A		DATE 4/25/2012			

Sundry Number: 25071 API Well Number: 43047503110000

WELL	CHRONOLOGY
	REPORT

Report Generated On: 04-24-2012

Well Name	CWU 1431-15D	Well Type	DEVG	Division	DENVER	
Field	CHAPITA DEEP	API#	43-047-50311	Well Class	DRIL	
County, State	UINTAH, UT	Spud Date		Class Date		
Tax Credit	N	TVD / MD	9,630/ 9,669	Property #	064670	
Water Depth	0	Last CSG	9.625	Shoe TVD / MD	2,307/ 2,339	
KB / GL Elev	4,859/ 4,840					
Location	Section 15, T9S, R22E, SWSE, 661 FSL & 1836 FEL					

DRILL & COMPLETE

Operator	EOG RESOURO	CES, INC WI 9	6 55	.6055		NRI %		47.59694	
AFE No	306866	AFI	E Total	1,680,705		DHC / CW	VC	754,105/ 92	26,600
Rig Contr		Rig Name		Start Date		Release Date			
03-13-2009	Reported By	SHEILA	MALLOY						
DailyCosts: Dr	illing \$0		Completion	\$0		Daily T	Total	\$0	
Cum Costs: Dr	rilling \$0		Completion	\$0		Well T	otal	\$0	
MD	0 TVD	0 Pro	gress 0	Days	0	MW	0.0	Visc	0.0
Formation:		PBTD : 0.0		Perf:			PKR D	e pth: 0.0	

Activity at Report Time: LOCATION DATA

1.0

Event No

Start	End	Hrs	From To	Activity Description
06:00	06:00	24.0	0	0 LOCATION DATA

661' FSL & 1836' FEL (SW/SE) SECTION 15, T9S, R22E UINTAH COUNTY, UTAH

Description

LAT 40.030533, LONG 109.423192 (NAD 83) LAT 40.030569, LONG 109.422508 (NAD 27)

TRUE #34

OBJECTIVE: 9630' TVD/ 9669' MD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: U-0283-A

ELEVATION: 4840' NAT GL, 4840.1' PREP GL (DUE TO ROUNDING PREP GL WILL BE 4840) 4859' KB (19') MULTI PAD WELL W/CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D,

CWU 1431-15D

EOG WI 55.6055%, NRI 47.59694%

Well Name: CWU 1431–15D Field: CHAPITA DEEP Property: 064670

Camboon Solution Solution	02-21-2012 Reported By	ROBERT WILKINS					
Min	•	Completion	\$0		Daily Total	\$0	
Min	-	_			_		
Part Part	_			0			0.0
State Fine Fine		8	-	Ü	112 11		0.0
Stant			1011.		TKKI	сри . 0.0	
Part							
Parish							
Com	02-22-2012 Reported By	ROBERT WILKINS					
Com	DailyCosts: Drilling \$0	Completion	\$0		Daily Total	\$0	
MD	_	_	\$0		-	\$0	
Perf Perf	MD 0 TVD	0 Progress 0	Davs	0	MW 0.0	Visc	0.0
Start		- G	-				
Start			-				
Parish							
Daily Costs: Drilling S0 Completion S0 Daily Total S0		v 1	PLETE.				
Completion Sq	02–23–2012 Reported By						
Com Formation So New Town So New			\$0		Doily Total	\$0	
MD	_	_			_		
Part Part	_	-		0			0.0
Start End Hrs From To Activity Description		- G	-	Ü	112 11	, 250	0.0
Start End Hrs From To Activity Description			Peri :		PKRI	epth: 0.0	
O6:00 O6:00 O6:00 O4:0 O PUSHING DIRT 20% COMPLETE.	Activity at Report Time: BUILD I						
O2-24-2012 Reported By ROBERT WILKINS DailyCosts: Drilling \$0 Completion \$0 Daily Total \$0 Cum Costs: Drilling \$0 Progress \$0 Days 0 MW 0.0 Visc of total \$0 PKR Deptt: 0.0 Formation: PBTD: 0.0 Perf: PKR Deptt: 0.0 PKR Deptt: 0.0 Start End Hrs From To Activity Description Solution Daily Total \$0 Daily Total \$0 Completion \$0 Daily Total \$0 Completion \$0 Daily Total \$0 Well Total \$0 Well Total \$0 MDILD Total \$0 Daily	a						
Daily Costs: Drilling SO Completion SO Well Total SO		·	DI ETE				
Cum Costs: Drilling \$0 Completion \$0 Well Total \$0 MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 PKR Depth: 0.0 Start End Hrs From To Activity Description SO Daily Total \$0 Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0 Completion \$0 Well Total \$0 MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 PKR Depth: 0.0	06:00 06:00 24.0 0	0 PUSHING DIRT 20% COM	PLETE.				
MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Visc O.0 Activity at Report Time: BUILD LOCATION Start End Hrs From To Activity Description Section of the part of the	06:00 06:00 24.0 0 02-24-2012 Reported By	0 PUSHING DIRT 20% COM					
Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: BUILD LOCATION Start End Hrs From To Activity Description 06:00 06:00 24.0 0 0 PUSHING DIRT 30% COMPLETE. 02-25-2012 Reported By ROBERT WILKINS Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0 Cum Costs: Drilling \$0 Vell Total \$0 MD 0 TV 0 Progress 0 Days 0 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: BUILD LOCATION	06:00 06:00 24.0 0 02-24-2012 Reported By DailyCosts: Drilling \$0	0 PUSHING DIRT 20% COM ROBERT WILKINS Completion	\$0		_		
Activity at Report Time: BUILD LOCATION Start End Hrs From To Activity Description 06:00 06:00 24.0 0 PUSHING DIRT 30% COMPLETE. 02-25-2012 Reported By ROBERT WILKINS Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0 Cum Costs: Drilling \$0 Completion \$0 Well Total \$0 MD 0 Type Total \$0 MB Type Total \$0 Days 0 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: BUILD LOCATION	06:00 06:00 24.0 0 02-24-2012 Reported By DailyCosts: Drilling \$0	0 PUSHING DIRT 20% COM ROBERT WILKINS Completion	\$0		_		
Start End Hrs From To 06:00 Activity Description 9 PUSHING DIRT 30% COMPLETE. 02-25-2012 Reported By ROBERT WILKINS Daily Costs: Drilling S0 Completion S0 Well Total S0 Cum Costs: Drilling S0 Completion S0 Well Total S0 MD ND NO TVD 0 Progress 0 Days ND	06:00 06:00 24.0 0 02-24-2012 Reported By DailyCosts: Drilling \$0 Cum Costs: Drilling \$0	0 PUSHING DIRT 20% COM ROBERT WILKINS Completion Completion	\$0 \$0	0	Well Total	\$0	0.0
06:00 06:00 24.0 0 0 PUSHING DIRT 30% COMPLETE. 02-25-2012 Reported By ROBERT WILKINS Daily Total \$0 Cum Costs: Drilling \$0 Completion \$0 Well Total \$0 MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: BUILD LOCATION Start End Hrs From To Activity Description	06:00 06:00 24.0 0 02-24-2012 Reported By DailyCosts: Drilling \$0 Cum Costs: Drilling \$0 MD 0 TVD Formation:	0 PUSHING DIRT 20% COM ROBERT WILKINS Completion 0 Progress 0 PBTD: 0.0	\$0 \$0 Days	0	Well Total MW 0.0	\$0 Visc	0.0
02-25-2012 Reported By ROBERT WILKINS Daily Costs: Drilling \$0 Daily Total \$0 Cum Costs: Drilling \$0 Completion \$0 Well Total \$0 MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: BUILD LOCATION Start End Hrs From To Activity Description	06:00 06:00 24.0 0 02-24-2012 Reported By DailyCosts: Drilling \$0 Cum Costs: Drilling \$0 MD 0 TVD Formation:	0 PUSHING DIRT 20% COM ROBERT WILKINS Completion 0 Progress 0 PBTD: 0.0	\$0 \$0 Days	0	Well Total MW 0.0	\$0 Visc	0.0
Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0 MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: BUILD LOCATION Start End Hrs From To Activity Description	06:00 06:00 24.0 0 02-24-2012 Reported By DailyCosts: Drilling \$0 Cum Costs: Drilling \$0 MD 0 TVD Formation: Activity at Report Time: BUILD I	0 PUSHING DIRT 20% COM ROBERT WILKINS Completion Completion 0 Progress 0 PBTD: 0.0 LOCATION	\$0 \$0 Days	0	Well Total MW 0.0	\$0 Visc	0.0
Cum Costs: Drilling \$0 Completion \$0 Well Total \$0 MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: BUILD LOCATION Start End Hrs From To Activity Description	06:00 06:00 24.0 0 02-24-2012 Reported By DailyCosts: Drilling \$0 Cum Costs: Drilling \$0 MD 0 TVD Formation : Activity at Report Time: BUILD I Start End Hrs From	0 PUSHING DIRT 20% COM ROBERT WILKINS Completion Completion 0 Progress 0 PBTD: 0.0 LOCATION To Activity Description	\$0 \$0 Days Perf :	0	Well Total MW 0.0	\$0 Visc	0.0
MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: BUILD LOCATION Start End Hrs From To Activity Description	06:00 06:00 24.0 0 02-24-2012 Reported By DailyCosts: Drilling \$0 Cum Costs: Drilling \$0 MD 0 TVD Formation: Activity at Report Time: BUILD I Start End Hrs From 06:00 06:00 24.0 0	0 PUSHING DIRT 20% COM ROBERT WILKINS Completion Completion 0 Progress 0 PBTD: 0.0 LOCATION To Activity Description 0 PUSHING DIRT 30% COM	\$0 \$0 Days Perf :	0	Well Total MW 0.0	\$0 Visc	0.0
Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: BUILD LOCATION Start End Hrs From To Activity Description	06:00 06:00 24.0 0 02-24-2012 Reported By DailyCosts: Drilling \$0 Cum Costs: Drilling \$0 MD 0 TVD Formation: Activity at Report Time: BUILD II Start End Hrs From 06:00 06:00 24.0 0 02-25-2012 Reported By	0 PUSHING DIRT 20% COM ROBERT WILKINS Completion Completion 0 Progress 0 PBTD: 0.0 LOCATION To Activity Description 0 PUSHING DIRT 30% COM ROBERT WILKINS	\$0 \$0 Days Perf:	0	Well Total MW 0.0 PKR I	\$0 Visc Depth: 0.0	0.0
Activity at Report Time: BUILD LOCATION Start End Hrs From To Activity Description	06:00 06:00 24.0 0 02-24-2012 Reported By DailyCosts: Drilling \$0 Cum Costs: Drilling \$0 MD 0 TVD Formation: Activity at Report Time: BUILD I Start End Hrs From 06:00 06:00 24.0 0 02-25-2012 Reported By DailyCosts: Drilling \$0	0 PUSHING DIRT 20% COM ROBERT WILKINS Completion 0 Progress 0 PBTD: 0.0 COCATION To Activity Description 0 PUSHING DIRT 30% COM ROBERT WILKINS Completion	\$0 \$0 Days Perf:	0	Well Total MW 0.0 PKR I Daily Total	\$0 Visc Depth: 0.0	0.0
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	06:00 06:00 24.0 0 02-24-2012 Reported By DailyCosts: Drilling \$0 MD 0 TVD Formation : Activity at Report Time: BUILD II Start End Hrs From 06:00 06:00 24.0 0 02-25-2012 Reported By DailyCosts: Drilling \$0 Cum Costs: Drilling \$0 MD 0 TVD Formation :	0 PUSHING DIRT 20% COM ROBERT WILKINS Completion 0 Progress 0 PBTD: 0.0 LOCATION To Activity Description 0 PUSHING DIRT 30% COM ROBERT WILKINS Completion Completion 0 Progress 0 PBTD: 0.0	\$0 \$0 Days Perf:		Well Total MW 0.0 PKR I Daily Total Well Total MW 0.0	\$0 Visc Depth: 0.0 \$0 \$0 Visc	
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Well Name: CWU 1431–15D Field: CHAPITA DEEP Property: 064670

02-27-2012	Reported By	ROBERT WILKINS						
DailyCosts: Drill		Comple	tion \$0		Daily	Total	\$0	
Cum Costs: Drill	_	Comple			Well		\$0	
MD 0	_	0 Progress	0 Days	0	MW	0.0	Visc	0.0
Formation :		BTD: 0.0	Perf :			PKR De		
Activity at Repor	t Time: LOCATION	BUILD				•		
Start End	Hrs From To		n					
06:00 06:00	24.0 0	0 LOCATION IS 85% C		NG ON CLO	OSED LOOP.			
02-28-2012	Reported By	ROBERT WILKINS						
DailyCosts: Drill	ing \$0	Comple	tion \$0		Daily	Total	\$0	
Cum Costs: Drill	ing \$0	Comple	tion \$0		Well 7	Total	\$0	
MD 0	TVD	0 Progress	0 Days	0	MW	0.0	Visc	0.0
Formation :	PI	BTD: 0.0	Perf:			PKR De _l	oth: 0.0	
Activity at Repor	t Time: BUILD LOC	CATION				-		
Start End	Hrs From To	Activity Description	n					
06:00 06:00	24.0 0	0 LOCATION IS 95% C	OMPLETED/WORK	ING ON C	LOSED LOO	P.		
02-29-2012	Reported By	ROBERT WILKINS						
DailyCosts: Drill	ing \$0	Comple	tion \$0		Daily	Total	\$0	
Cum Costs: Drill	_	Comple			Well '		\$0	
MD 0	TVD	0 Progress	0 Days	0	MW	0.0	Visc	0.0
Formation :	PI	BTD: 0.0	Perf :			PKR De	oth: 0.0	
	PI t Time: WO SURFA		-			PKR De _l	oth: 0.0	
		CE RIG	Perf:			PKR De _l	oth: 0.0	
Activity at Repor	t Time: WO SURFA	CE RIG	Perf:	ING ON CI	OSED LOOF			
Activity at Repor	rt Time: WO SURFA	CE RIG Activity Description	Perf: n COMPLETE/WORK	ING ON CI	OSED LOOF			
Activity at Report Start End 06:00 06:00	Hrs From To 24.0 0 Reported By	CE RIG Activity Description 0 LOCATION IS 100% 0	Perf: n COMPLETE/WORK	ING ON CI	LOSED LOOF Daily	P. WO SURFA		
Start End 06:00 06:00 03-12-2012	t Time: WO SURFAL Hrs From To 24.0 0 Reported By ing \$57,054	CE RIG Activity Description 0 LOCATION IS 100% O GERALD ASHCRAFT	Perf: n COMPLETE/WORK tion \$0	ING ON CI		P. WO SURFA	ACE RIG.	
Start End 06:00 06:00 03-12-2012 DailyCosts: Drill	t Time: WO SURFAL Hrs From To 24.0 0 Reported By ing \$57,054 ing \$57,054	CE RIG Activity Description 0 LOCATION IS 100% 0 GERALD ASHCRAFT Comple	Perf: n COMPLETE/WORK tion \$0 tion \$0	ING ON CI	Daily	P. WO SURFA	ACE RIG. \$57,054	0.0
Start End 06:00 06:00 03-12-2012 DailyCosts: Drill Cum Costs: Drill	t Time: WO SURFAL Hrs From To 24.0 0 Reported By ing \$57,054 ing \$57,054	CE RIG Activity Description 0 LOCATION IS 100% O GERALD ASHCRAFT Comple Comple	Perf: n COMPLETE/WORK tion \$0 tion \$0		Daily Well '	?. WO SURFA Total Total	\$57,054 \$57,054 Visc	0.0
Start End 06:00 06:00 03-12-2012 DailyCosts: Drill Cum Costs: Drill MD 60 Formation:	t Time: WO SURFAL Hrs From To 24.0 0 Reported By ing \$57,054 ing \$57,054	CE RIG Activity Description 0 LOCATION IS 100% 0 GERALD ASHCRAFT Comple Comple 60 Progress BTD: 0.0	Perf: n COMPLETE/WORK tion \$0 tion \$0 0 Days		Daily Well '	P. WO SURFA Total Total 0.0	\$57,054 \$57,054 Visc	0.0
Start End 06:00 06:00 03-12-2012 DailyCosts: Drill Cum Costs: Drill MD 60 Formation:	Hrs From To 24.0 0 Reported By ing \$57,054 ing \$57,054 TVD	CE RIG Activity Description 0 LOCATION IS 100% O GERALD ASHCRAFT Comple Comple 60 Progress BTD: 0.0 FICATION	Perf: n COMPLETE/WORK f tion \$0 tion \$0 O Days Perf:		Daily Well '	P. WO SURFA Total Total 0.0	\$57,054 \$57,054 Visc	0.0
Activity at Report Start End 06:00 06:00 03-12-2012 DailyCosts: Drill Cum Costs: Drill MD 60 Formation: Activity at Report	Hrs From To 24.0 0 Reported By ing \$57,054 ing \$57,054 TVD PI TTime: SPUD NOTI	CE RIG Activity Description 0 LOCATION IS 100% O GERALD ASHCRAFT Comple Comple 60 Progress BTD: 0.0 FICATION	Perf: n COMPLETE/WORK tion \$0 tion \$0 Days Perf:	0 JE ON 3/11.	Daily Well 7 MW /12 @ 03:00 F	Total Total 0.0 PKR Dep	\$57,054 \$57,054 Visc oth: 0.0	UCTOR.
Activity at Report Start End 06:00 06:00 03-12-2012 DailyCosts: Drill Cum Costs: Drill MD 60 Formation: Activity at Report Start End	t Time: WO SURFAL Hrs From To 24.0 0 Reported By ing \$57,054 ing \$57,054 O TVD PI rt Time: SPUD NOTI Hrs From To	CE RIG Activity Description 0 LOCATION IS 100% 0 GERALD ASHCRAFT Comple Comple 60 Progress BTD: 0.0 FICATION Activity Description 60 CRAIG'S BUCKET R CEMENT TO SURFACE	Perf: n COMPLETE/WORK tion \$0 tion \$0 Days Perf:	0 JE ON 3/11.	Daily Well 7 MW /12 @ 03:00 F	Total Total 0.0 PKR Dep	\$57,054 \$57,054 Visc oth: 0.0	UCTOR.
Activity at Report Start End 06:00 06:00 03-12-2012 DailyCosts: Drill Cum Costs: Drill MD 60 Formation: Activity at Report Start End 06:00 06:00	Hrs From To 24.0 0 Reported By ing \$57,054 ing \$57,054 TVD PI TTime: SPUD NOTI Hrs From To 24.0 0 Reported By	CE RIG Activity Description 0 LOCATION IS 100% O GERALD ASHCRAFT Comple Comple 60 Progress BTD: 0.0 FICATION Activity Description 60 CRAIG'S BUCKET R CEMENT TO SURFAG 10:26 AM.	Perf: n COMPLETE/WORK f tion \$0 tion \$0 Days Perf: n IG SPUD A 20" HOL CE WITH READY M	0 JE ON 3/11.	Daily Well 7 MW /12 @ 03:00 F	Total Total 0.0 PKR Dep PM, SET 60'6 ED BY EMAI	\$57,054 \$57,054 Visc oth: 0.0	UCTOR.
Start End 06:00 06:00	Hrs From To 24.0 0 Reported By ing \$57,054 ing \$57,054 TVD PI TTIME: SPUD NOTI Hrs From To 24.0 0 Reported By ing \$22,164	Activity Description O LOCATION IS 100% O GERALD ASHCRAFT Comple Comple 60 Progress BTD: 0.0 FICATION Activity Description 60 CRAIG'S BUCKET R CEMENT TO SURFAG 10:26 AM. KERRY SALES	Perf: n COMPLETE/WORK f tion \$0 tion \$0 O Days Perf: n IG SPUD A 20" HOI CE WITH READY M	0 JE ON 3/11.	Daily Well 7 MW /12 @ 03:00 F	Total O.0 PKR Dep PM, SET 60' ED BY EMAN	\$57,054 \$57,054 Visc oth: 0.0	UCTOR.
Start End 06:00 06:00 03-12-2012 DailyCosts: Drilli MD 60 Formation: Activity at Report Start End 06:00 06:00 04-06-2012 DailyCosts: Drilli	### ### ##############################	CE RIG Activity Description 0 LOCATION IS 100% O GERALD ASHCRAFT Comple Comple 60 Progress BTD: 0.0 FICATION Activity Description 60 CRAIG'S BUCKET R CEMENT TO SURFAG 10:26 AM. KERRY SALES Comple Comple	Perf: n COMPLETE/WORK f tion \$0 tion \$0 Days Perf: n IG SPUD A 20" HOL CE WITH READY M tion \$0 tion \$0	0 JE ON 3/11.	Daily Well ' MW /12 @ 03:00 F VAS NOTIFIE	Total O.0 PKR Dep PM, SET 60' ED BY EMAN	\$57,054 \$57,054 Visc oth: 0.0 OF 14" CONDUIL OF SPUD O	UCTOR.
Activity at Report Start End 06:00 06:00 03-12-2012 DailyCosts: Drill Cum Costs: Drill MD 60 Formation: Activity at Report Start End 06:00 06:00 04-06-2012 DailyCosts: Drill Cum Costs: Drill	## From To 24.0 0 Reported By	CE RIG Activity Description 0 LOCATION IS 100% O GERALD ASHCRAFT Comple Comple 60 Progress BTD: 0.0 FICATION Activity Description 60 CRAIG'S BUCKET R CEMENT TO SURFACT 10:26 AM. KERRY SALES Comple Comple	Perf: n COMPLETE/WORK f tion \$0 tion \$0 Days Perf: n IG SPUD A 20" HOL CE WITH READY M tion \$0 tion \$0	0 LE ON 3/11. IIX. BLM V	Daily Well 7 MW /12 @ 03:00 F VAS NOTIFIE Daily Well 7	Total O.0 PKR Dep PM, SET 60'6 ED BY EMAI	\$57,054 \$57,054 Visc oth: 0.0 OF 14" CONDIL OF SPUD O \$22,164 \$79,219 Visc	UCTOR. N 3/8/12 @
Start End 06:00 06:00 03-12-2012 DailyCosts: Drill Cum Costs: Drill MD 60 Formation: Activity at Report Start End 06:00 06:00 04-06-2012 DailyCosts: Drill Cum Costs: Drill MD 38 Formation:	## From To 24.0 0 Reported By	CE RIG Activity Description 0 LOCATION IS 100% O GERALD ASHCRAFT Comple Comple 60 Progress BTD: 0.0 FICATION Activity Description 60 CRAIG'S BUCKET R CEMENT TO SURFAN 10:26 AM. KERRY SALES Comple Comple 384 Progress BTD: 0.0	Perf: COMPLETE/WORK fion \$0 tion \$0 Days Perf: n IG SPUD A 20" HOLCE WITH READY M tion \$0 tion \$0 tion \$0 tion \$0 tion \$0 tion \$0	0 LE ON 3/11. IIX. BLM V	Daily Well 7 MW /12 @ 03:00 F VAS NOTIFIE Daily Well 7	Total O.0 PKR Dep PM, SET 60' ED BY EMAI Total Total 0.0	\$57,054 \$57,054 Visc oth: 0.0 OF 14" CONDIL OF SPUD O \$22,164 \$79,219 Visc	UCTOR. N 3/8/12 @
Start End 06:00 06:00 03-12-2012 DailyCosts: Drill Cum Costs: Drill MD 60 Formation: Activity at Report Start End 06:00 06:00 04-06-2012 DailyCosts: Drill Cum Costs: Drill MD 38 Formation:	## Time: WO SURFARE ## From To	CE RIG Activity Description 0 LOCATION IS 100% O GERALD ASHCRAFT Comple Comple 60 Progress BTD: 0.0 FICATION Activity Description 60 CRAIG'S BUCKET R CEMENT TO SURFACT 10:26 AM. KERRY SALES Comple Comple 384 Progress BTD: 0.0 @ 384'	Perf: COMPLETE/WORK fion \$0 tion \$0 Days Perf: IG SPUD A 20" HOLE WITH READY M tion \$0 tion \$0 tion \$0 tion \$0 Final State of the second s	0 LE ON 3/11. IIX. BLM V	Daily Well 7 MW /12 @ 03:00 F VAS NOTIFIE Daily Well 7	Total O.0 PKR Dep PM, SET 60' ED BY EMAI Total Total 0.0	\$57,054 \$57,054 Visc oth: 0.0 OF 14" CONDIL OF SPUD O \$22,164 \$79,219 Visc	UCTOR. N 3/8/12 @

Well Name: CWU 1431-15D Field: CHAPITA DEEP Property: 064670 17:00 22:00 319 319 MIRU ON THE CWU 1431-15D. RIG ON DAY WORK AT 22:00 HRS ON 4-05-2012. 5.0 ALL WELLS WERE PREDRILLED 12 1/4" TO 319' RKB. CHECKED SURFACE DIRECTION WITH 2 319 PU BHA & TOOLS. ORIENT MWD AND SCRIBE IN HOLE. 22:00 03:00 5.0 319 319 FILL HOLE AND CHECK MUD LINES. WASH FROM 304' TO 319' 03:00 04:00 1.0 319 04:00 06:00 319 384 ROTATE AND SLIDE DRILL FROM 319' TO 384'. 65'. ROP 32.5', WOB 10/12, ROTARY 40, MOTOR 79, 2.0 PUMP 131, GPM 497, PSI 600. BIT TO BEND 6.8'. BIT TO MWD 59'. ALL SURVEYS ADJUSTED TO 19' RKB. FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: RIG UP AND CEMENTING. DIESEL USED 252 GAL. 04-07-2012 Reported By KERRY SALES DailyCosts: Drilling \$28,479 \$0 **Daily Total** \$28,479 Completion **Cum Costs: Drilling** \$107,698 Completion \$0 Well Total \$107,698 1.384 **TVD** 1.372 1.000 0 MW0.0 0.0 MD **Progress** Days Visc **PBTD**: 0.0 Formation: Perf: PKR Depth: 0.0 Activity at Report Time: DRILLING @ 1384' Start End From To **Activity Description** Hrs 384 694 ROTATE AND SLIDE DRILL FROM 384' TO 694". 310'. ROP 44.3', WOB 10/12, ROTARY 40, MOTOR 06:00 13:00 7.0 79, STKS 130, GPM 494, PSI 850, TFO 20L, 3' ABOVE AND ON THE LINE L/R, SLIDE 45% ROT 55%. 13:00 15:30 694 694 CHANGE OUT SWABE ON PUMP. 2.5 15:30 18:00 2.5 694 814 ROTATE AND SLIDE DRILL FROM 694 TO 814'. 120'. ROP 60', WOB 10/12, ROTARY 40, MOTOR 79, STKS 130, PSI 850, GPM 494. 18:00 06:00 12.0 814 1384 ROTATE AND SLIDE DRILL FROM 814' TO 1384'. 570'. ROP 47.5', WOB 12/14, ROTARY 40, MOTOR 79, STKS 131, PSI 1000, GPM 497, 2' ABOVE AND 1.5' LEFT OF THE LINE, TFO 40R, ROT 84% SLIDE 16%. FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: FALL PROTECTION AND PPE. DIESEL USED 747 GAL. KERRY SALES 04-08-2012 Reported By DailyCosts: Drilling \$27,405 \$0 **Daily Total** \$27,405 Completion **Cum Costs: Drilling** \$135,104 Completion \$0 Well Total \$135,104 2,104 **TVD** 0.0 MD 2,077 **Progress** 720 **Davs** MWVisc 0.0 Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: DRILLING @ 2104' **Activity Description** Start End Hrs From To

Sundry Number: 25071 API Well Number: 43047503110000

ROT AND 14% SLIDE. 95/100% RETURNS.

1804 ROTATE AND SLIDE DRILL FROM 1384' TO 1804'. 420'. ROP 35', WOB 13/14, ROTARY 40, MOTOR 80, STKS 132, GPM 501, PSI 1100, TFO 20R, 1.6' LEFT AND ON THE LINE ABOVE AND BELOW, 86%

06:00

18:00

12.0

1384

Well Name: CWU 1431–15D Field: CHAPITA DEEP Property: 064670

18:00 06:00 12.0 1804 2104 ROTATE AND SLIDE DRILL FROM 1804' TO 2104'. 300'. ROP 25', WOB 15/18, ROTARY 40, MOTOR
79, STKS 131, GPM 497, PSI 1100, TFO 20R, 4' LEFT OF LINE AND INC ON THE LINE, 88% ROT AND

12% SLIDE. 95/100% RETURNS.

FULL CREWS.

NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS: HIGH PRESSURE AND SAFETY EQUIPMENT.

DIESEL USED 1145 GAL.

					CRAIGS BUCKE	ET RIG SET	CONDUC	TOR ON THE	CWU 1430	-15D. 4/7/2012	2.	
04-09-2	2012	Repor	ted By		KERRY SALES							
DailyCo	sts: Drilli	ng	\$36,82	26	Cor	npletion	\$0		Dail	y Total	\$36,826	
Cum Co	sts: Drilli	ing	\$171,9	930	Cor	npletion	\$0		Wel	l Total	\$171,930	
MD	2,34	9 TV	D	2,31	7 Progress	245	Days	0	MW	0.0	Visc	0.0
Formati	ion:			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	WIPER T	RIP								
Start	End	Hrs	From	To	Activity Descri	ption						
06:00	12:30	6.5	2104	2254	ROTATE AND SI 80, STKS 132, PS AZMUTH ON TH	SI 1200, GP	M 501, TFO	20R, 88 ROT		*	*	*
12:30	13:30	1.0	2254	2254	CIRCULATE AN	D LAY DO	WN 3 JT'S	OF DRILL PI	PE. 90'.			
13:30	14:30	1.0	2254	2254	CHANGE OUT S	SWAB IN M	IUD PUMP.					
14:30	15:00	0.5	2254	2254	PICK UP 3 JOIN	TS AND CO	ONTINUE D	ORILLING.				
15:00	18:00	3.0	2254	2299	ROTATE AND SI SAME.	LIDE DRIL	L FROM 22	54' TO 2299'.	45', ROP 1:	5'. DRILLING	PARAMETER	S THE

(MD–TVD 32'). 2349 PUMP 2 POLY PLUS SWEEPS AND CIRCULATE BOTTOMS UP.

21:00 23:30 2.5 2349 2349 TOH FROM 2349' TO BHA 255'.

23:30 02:00 2.5 2349 2349 LD BHA & TOOLS, MOTOR, MWD TOOLS, SHOCK SUB, BIT AND DC'S.
 02:00 06:00 4.0 2349 2349 SET UP AND TIH WITH WIPER TRIP. WASH AND REAM THROUGH TIGHT SPOTS AT, 1450',1600',

1630'. 2050' AT 06:00 HRS.

SLIDE. GOOD RETURNS.

TD WELL AT 20:00 HRS ON $4/8/2012. \label{eq:decomposition}$

TOTAL DEPTH 2349' RKB 19' FOR TRUE 34.

(MD-TVD 32').

FULL CREWS.

NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.

2349 ROTATE AND SLIDE DRILL FROM 2299' TO 2349'. 50'. ROP 25', WOB 14/15, ROTARY 45, MOTOR 80,

STKS 132, PSI 1200, GPM 501, TFO 20R, 2' BELOW AND 4' LEFT OF LINE, 73% ROT AND 27%

DIESEL USED 751 GALS.

04–10–2012 Reported By KERRY SALES

18:00

20:00

20:00

21:00

2.0

1.0

2299

2349

Daily Costs: Drilling \$114,639 **Completion** \$0 **Daily Total** \$114,639

Sundry Number: 25071 API Well Number: 43047503110000

Well Name: CWU 1431–15D Field: CHAPITA DEEP Property: 064670

\$286,570 **Cum Costs: Drilling** \$286,570 Completion \$0 **Well Total** MD 2,349 2,317 MW0.0 Visc 0.0 **Progress** Days **PBTD**: 0.0 Perf: PKR Depth: 0.0 **Formation:**

Activity at Report Time: WORT

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	2349	2349	WIPER TRIP FROM 2050' TO 2349'. WASH LAST 60' TO BOTTOM.
06:30	08:30	2.0	2349	2349	RUN 2 POLY PLUS SWEEPS, CIR BOTTOMS UP AND SPOT 50 BBL DRILLING MUD ON BOTTOM.
08:30	12:30	4.0	2349	2349	TOH WIPER TRIP FROM 2349'. LAY DOWN BHA.
12:30	14:30	2.0	2349	2349	R/U TO RUN CASING.
14:30	19:30	5.0	2349	2349	RUN 56 JTS OF $9/5/8$ ", K=55, 36#, STC SURFACE CASING. MD 2339.01', 19' RKB. FLOAT COLLAR AT 2297.22'. RUN 8 CENTRALIZERS FROM 2329' TO 2011' TWO FROM 352' TO 311'. PICK UP LANDING JOINT AND CIRCULATING SWEDGE. (MD, TVD IS 32' FOR THIS WELL.
19:30	21:00	1.5	2349	2349	CIRCULATE CASING 315 BBL'S. FULL RETURNS.
21:00	22:30	1.5	2349	2349	RUN 200' OF 1" TOP OUT PIPE.
22:30	00:30	2.0	2349	2349	RDMO. CLEAN MUD PITS AND PREPARE LOCATION FOR CWU 1429–15DX.
00:30	06:00	5.5	2349	2349	MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3000 PSI. PUMPED 10 BBL OF FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL2 MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18. WE DISPLACED CEMENT W/ 176 BBLS OF DRILL WATER. FCP 115 PSI, BUMPED PLUG W/1385 PSI @ 02:42 AM ON 04/10/2012. FLOAT HELD. FULL RETURNS DURING LEAD AND TAIL AND NO RETURNS UNTIL THE LAST 10 BBL'S OF DISPLACEMENT. WOC 1 HRS.

TOP JOB # 1: DOWN 200' OF 1' PIPE, MIXED & PUMPED 100 SX (20.4 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. 1 BBL OF CEMENT TO SURFACE AND FELL BACK. WAIT ON CEMENT 3.5 HRS.

TOP JOB # 2: DOWN 200' OF 1" PIPE 50 SX (10.2 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. CEMENT TO SURFACE 1 BBL BACK, OBSERVE WELL FOR 2 HRS WHILE RIGGING DOWN.

PREPARED THE LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

KERRY SALES NOTIFIED THE BLM VIA E–MAIL OF THE SURFACE CASING & CEMENT JOB ON 04/09/2012@ 02:00 AM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 04/09/2012 AT 02:00 AM. STATE AND BLM NOTIFIED ON 04/07/2012 @ 04:20 PM.

FULL CREWS.

NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS: RUN CASING AND HALLIBURTON CEMENT LINES.

DIESEL USED 443 GAL.

RIG RELEASED AT 12:30 AM ON 4/10/2012.

CASING TRANSFERED TO CWU 1429–15DX. 5 JT'S 37.01',41.52', 41.33', 29.56', 28.79'. THREADS OFF TOTAL 178.21'. CONDITION A.

Sundry Number: 25436 API Well Number: 43047503110000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

	STATE OF UTAH	_	FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly de reenter plugged wells, or to drill horizont n for such proposals.		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1431-15D
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047503110000
3. ADDRESS OF OPERATOR: 1060 East Highway 40, Ve		PHONE NUMBER: 1-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSI Qtr/Qtr: SWSE Section: 1	HIP, RANGE, MERIDIAN: 15 Township: 09.0S Range: 22.0E Meridia	n: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
EOG Resources,	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly show all Inc. respectfully requests to cl rom 9630' TVD 9669' MD to 9	hange the TD for the	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: Depths, volumes, etc. Approved by the Utah Division of Oil, Gas and Mining Date: May 17, 2012 By:
NAME (DI FACE DOINT)	BHONE NUMBER	D. TITLE	
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBE 435 781-9145	R TITLE Operations Clerk	
SIGNATURE N/A		DATE 5/3/2012	

SUBMIT AS EMAIL

Print Form

BLM - Vernal Field Office - Notification Form

Ope	rator EOG Resources	Rig Name/# <u>Tri</u>	<u>ue 34 </u>
	nitted By Kerry Sales		
	Name/Number CWU 1431-15		
	Qtr <u>sw/se</u> Section <u>15</u>		Range 22 F
	se Serial Number <u>UTU-0283A</u>		
	Number <u>43-047-50311</u>		
Spuc	<u>d Notice</u> – Spud is the initial	spudding of the v	well, not drilling
out l	below a casing string.		
		خييم	-
	Date/Time	AM L	PM
Caci	ng — Plazsa raport tima sasi	na run ctarta nat	comonting
time	<u>ng</u> – Please report time casi	ng run starts, not	cementing
	Surface Casing		RECEIVED
	Intermediate Casing		
H	Production Casing		MAY 1 6 2012
H	Liner		OF OIL, GAS & MINING
	Other		
	Date/Time	AM [PM 🗍
			.
BOP	<u>E</u>		
\checkmark	Initial BOPE test at surface	casing point	
	BOPE test at intermediate	- •	
	30 day BOPE test		
	Other		
	Date/Time 05/17/2012	3:00 AM	PM ✓
Rem	narks True Rig #34 will test bo	p	

Sundry Number: 25915 API Well Number: 43047503110000

	STATE OF UTAH			FORM 9
ı	DEPARTMENT OF NATURAL RESOUF DIVISION OF OIL, GAS, AND M			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
SUNDR	RY NOTICES AND REPORTS	S ON W	VELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantl reenter plugged wells, or to drill horiz n for such proposals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 1431-15D
2. NAME OF OPERATOR: EOG Resources, Inc.				9. API NUMBER: 43047503110000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	O N , Denver, CO, 80202		E NUMBER: 5 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL				COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 15 Township: 09.0S Range: 22.0E Mer	eridian: S		STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	CATE NAT	TURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE	ALT	ER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	СНА	ANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	Сог	MMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRA	ACTURE TREAT	NEW CONSTRUCTION
Janes I III. I Samplana	OPERATOR CHANGE		JG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME		CLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	_			
	REPERFORATE CURRENT FORMATION		ETRACK TO REPAIR WELL	L TEMPORARY ABANDON
✓ DRILLING REPORT	L TUBING REPAIR		NT OR FLARE	WATER DISPOSAL
Report Date: 5/21/2012	WATER SHUTOFF	∐ SIT	A STATUS EXTENSION	APD EXTENSION
3/21/2012	WILDCAT WELL DETERMINATION	ОТН	HER	OTHER:
Due to the CWU 1	completed operations. Clearly show 429-15DX rig skid, the refe operations commenced on attached well chronolog	erence n 5/18/	d well was moved	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 31, 2012
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUM 435 781-9145		FITLE Operations Clerk	
SIGNATURE	22 27 27.5		DATE	
N/A			5/21/2012	

Sundry Number: 25915 API Well Number: 43047503110000

Well Name: CWU 1431–15D Field: CHAPITA DEEP Property: 064670

\$289,077 \$289,077 **Cum Costs: Drilling** Completion \$0 **Well Total** MD 2,349 MW0.0 Visc 0.0 2,317 **Progress** Days **PBTD**: 0.0 Perf: PKR Depth: 0.0 **Formation:**

Activity at Report Time: WORT

ricurry	at report		,, 0111		
Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	2349	2349	WIPER TRIP FROM 2050' TO 2349'. WASH LAST 60' TO BOTTOM.
06:30	08:30	2.0	2349	2349	RUN 2 POLY PLUS SWEEPS, CIR BOTTOMS UP AND SPOT 50 BBL DRILLING MUD ON BOTTOM.
08:30	12:30	4.0	2349	2349	TOH WIPER TRIP FROM 2349'. LAY DOWN BHA.
12:30	14:30	2.0	2349	2349	R/U TO RUN CASING.
14:30	19:30	5.0	2349	2349	RUN 56 JTS OF 9/5/8", K–55, 36#, STC SURFACE CASING. MD 2339.01', 19' RKB. FLOAT COLLAR AT 2297.22'. RUN 8 CENTRALIZERS FROM 2329' TO 2011' TWO FROM 352' TO 311'. PICK UP LANDING JOINT AND CIRCULATING SWEDGE. (MD, TVD IS 32' FOR THIS WELL.
19:30	21:00	1.5	2349	2349	CIRCULATE CASING 315 BBL'S. FULL RETURNS.
21:00	22:30	1.5	2349	2349	RUN 200' OF 1" TOP OUT PIPE.
22:30	00:30	2.0	2349	2349	RDMO. CLEAN MUD PITS AND PREPARE LOCATION FOR CWU 1429–15DX.
00:30	06:00	5.5	2349	2349	MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3000 PSI. PUMPED 10 BBL OF FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL2 MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18. WE DISPLACED CEMENT W/ 176 BBLS OF DRILL WATER. FCP 115 PSI, BUMPED PLUG W/1385 PSI @ 02:42 AM ON 04/10/2012. FLOAT HELD. FULL RETURNS DURING LEAD AND TAIL AND NO RETURNS UNTIL THE LAST 10 BBL'S OF DISPLACEMENT. WOC 1 HRS.

TOP JOB # 1: DOWN 200' OF 1' PIPE, MIXED & PUMPED 100 SX (20.4 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. 1 BBL OF CEMENT TO SURFACE AND FELL BACK. WAIT ON CEMENT 3.5 HRS.

TOP JOB # 2: DOWN 200' OF 1" PIPE 50 SX (10.2 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. CEMENT TO SURFACE 1 BBL BACK, OBSERVE WELL FOR 2 HRS WHILE RIGGING DOWN.

PREPARED THE LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

KERRY SALES NOTIFIED THE BLM VIA E–MAIL OF THE SURFACE CASING & CEMENT JOB ON 04/09/2012@ 02:00 AM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 04/09/2012 AT 02:00 AM. STATE AND BLM NOTIFIED ON 04/07/2012 @ 04:20 PM.

FULL CREWS.

NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS: RUN CASING AND HALLIBURTON CEMENT LINES.

DIESEL USED 443 GAL.

RIG RELEASED AT 12:30 AM ON 4/10/2012.

CASING TRANSFERED TO CWU 1429–15DX. 5 JT'S 37.01',41.52', 41.33', 29.56', 28.79'. THREADS OFF TOTAL 178.21'. CONDITION A.

05–19–2012 Reported By BILL SNAPP

Well Name: CWU 1431–15D Field: CHAPITA DEEP Property: 064670

DailyCo	sts: Drilli	ng	\$72,33	86	Cor	npletion	\$0		Dail	y Total	\$72,336	
Cum Co	sts: Drilli	ing	\$361,4	13	Cor	npletion	\$0		Well	Total	\$361,413	
MD	2,64	0 TV	'D	2,60	3 Progress	291	Days	1	MW	10.7	Visc	32.0
Formati	on:			PBTD	: 0.0		Perf:			PKR Dej	pth: 0.0	
Activity	at Repor	t Time:	DRILLIN	G @ 26	40'							
Start	End	Hrs	From	То	Activity Descri	ption						
10:30	12:30	2.0	0	0	RIG DOWN AND	SKID RIG	G 20' TO CV	VU 1431–15D				
12:30	13:30	1.0	0	0	RIG UP							
13:30	15:00	1.5	0	0	NIPPLE UP BOP	RIG ACC	EPTED @ 1	3:30 HRS ON	5/18/2012.			
15:00	18:30	3.5	0	0	TEST UPPER & MANIFOLD, CH 2500 PSI HIGH, 2	ECK VALV	/E, PIPE RA	MS & BLIND	RAMS TO	5000 PSI HIG		
					KERY SALES NO 00 PM.NOTIFIC							
18:30	19:00	0.5	0	0	SET WEAR BUS	HING						
19:00	22:00	3.0	0	0	P/U BHA AND O	RIENT TO	OOL FACE.	AND PU DP, T	TAG @ 2290	,		
22:00	23:00	1.0	0	0	SLIP & CUT DR	ILL LINE						
23:00	23:30	0.5	0	0	INSTALL ROTAT	TING RUB	BER AND C	CORROSION I	RING.			
23:30	01:00	1.5	2349	2359	DRILL CEMENT	/FLOAT E	QUIP. AND	10' OF NEW	HOLE TO 2	359'		
01:00	01:30	0.5	2359	2359	FIT TO 12.2 PPG	EMW						
01:30	06:00	4.5	2359	2640	ROTATE AND SI GPM 454. 36% S							, MOTOR 74,
05-20-2	2012	Report	ted By		BILL SNAPP							
DailyCo	sts: Drilli	ng	\$44,43	86	Cor	npletion	\$0		Dail	y Total	\$44,436	
Cum Co	sts: Drilli	ing	\$405,8	349	Cor	npletion	\$0		Well	Total	\$405,849	
MD	3,94	0 TV	D	3,870	6 Progress	1,300	Days	2	MW	10.2	Visc	32.0
Formati	on:			PBTD	: 0.0		Perf:			PKR De _l	pth: 0.0	
Activity	at Repor	t Time:	DRILLIN	G @ 394	40'							
Start	End	Hrs	From	То	Activity Descri	ption						
06:00	16:00	10.0	2640	3172	ROTATE AND SI GPM 454. 27% S							MOTOR 74,
16:00	16:30	0.5	3172	3172	SERVICE RIG							
16:30	06:00	13.5	3172	3940	ROTATE AND SI GPM 454. 27% S							MOTOR 74,
05-21-2	2012	Report	ted By		BILL SNAPP							
DailyCo	sts: Drilli	ng	\$37,68	35	Cor	npletion	\$0		Dail	y Total	\$37,685	
•	sts: Drilli	_	\$443,5			npletion	\$0			Total	\$443,535	
MD	4,91	_	'D	4,840		970	Days	3	MW	10.3	Visc	34.0
Formati				PBTD			Perf:		171 77	PKR De		
	at Repor	t Time:					1011			. III DU	PULL . U.U	
Start	End	Hrs	From	То	Activity Descri	ption						
06:00	17:30	11.5			ROTATE AND SI 67, GPM 418. 129	- LIDE DRIL						55, MOTOR
17:30	18:00	0.5	4481	4481	SERVICE RIG			,	2 1101	OF CENT		

Sundry Number: 25915 API Well Number: 43047503110000

Well Name: CWU 1431–15D Field: CHAPITA DEEP Property: 064670

 $18:00 \qquad 06:00 \qquad 12.0 \qquad 4481 \qquad 4910 \ \ \text{ROTATE AND SLIDE DRILL FROM } \\ 4481' \ \ \text{TO } 4910'. \ 429'. \ \ \text{ROP } 35.75' \ \ \text{FPH. WOB } 20/24. \ \ \text{ROTARY } 56, \\ MOTOR \ 74, \ \ \text{GPM } 454. \ 9\% \ \ \text{SLIDE AND } 91\% \ \ \text{ROT.}$

Sundry Number: 26390 API Well Number: 43047503110000

	STATE OF UTAH			FORM 9
ι	DEPARTMENT OF NATURAL RESOUI DIVISION OF OIL, GAS, AND M			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
SUNDR	Y NOTICES AND REPORTS	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantl reenter plugged wells, or to drill horiz n for such proposals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 1431-15D
2. NAME OF OPERATOR: EOG Resources, Inc.				9. API NUMBER: 43047503110000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000) N , Denver, CO, 80202		NE NUMBER: 5 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL				COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 5 Township: 09.0S Range: 22.0E Mer	ridian: S	S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDIC	ATE NA	ATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE	A	LTER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	□ c	HANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	□ c	OMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ы	RACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE		LUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME		ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:				
	REPERFORATE CURRENT FORMATION		IDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
✓ DRILLING REPORT	L TUBING REPAIR		ENT OR FLARE	☐ WATER DISPOSAL
Report Date: 6/4/2012	WATER SHUTOFF ■	∟ s	I TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	□ 0	THER	OTHER:
	completed operations. Clearly sho reached TD on 5/28/2012 well chronology repor	, plea		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 07, 2012
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUN 435 781-9145	/IBER	TITLE Operations Clerk	
SIGNATURE N/A			DATE 6/4/2012	

Well Name: CWU 1431-15D Field: CHAPITA DEEP Property: 064670

Activity at Report	Time:	DRILLING	@ 4,910'
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•	at Repor											
Start	End	Hrs	From		Activity Descrip	=						
06:00	17:30	11.5	3940	4481	ROTATE AND SL 67, GPM 418. 129							5, MOTOR
17:30	18:00	0.5	4481	4481	SERVICE RIG.							
18:00	06:00	12.0	4481	4910	ROTATE AND SL MOTOR 74, GPM				429'. ROP 3	5.75' FPH. W	OB 20/24. ROT	'ARY 56,
05-22-2	2012	Repor	ted By		BILL SNAPP							
DailyCo	sts: Drilli	ing	\$38,6	48	Con	pletion	\$0		Daily	Total	\$38,648	
Cum Co	sts: Drilli	ing	\$482,	184	Con	pletion	\$0		Well	Total	\$482,184	
MD	5,87	0 T V	/ D	5,80	0 Progress	960	Days	4	MW	10.4	Visc	35.0
Format	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	DRILLIN	IG @ 58	70'							
Start	End	Hrs	From	To	Activity Descrip	ption						
06:00	17:00	11.0	4910	5327	ROTATE AND SL 2350 PSI, MOTOR							Y 56, SPP
17:00	17:30	0.5	5327	5327	SERVICE RIG.							
17:30	06:00	12.5	5327	5870	ROTATE AND SL 2320 PSI, MOTOR							ARY 56, SPP
05-23-2	2012	Repor	ted By		BILL SNAPP							
DailyCo	sts: Drilli	ng	\$54,8	72	Con	pletion	\$0		Daily	Total	\$54,872	
Cum Co	sts: Drilli	ing	\$537,	056	Con	pletion	\$0		Well	Total	\$537,056	
MD	6,79	1 T	/ D	6,72	1 Progress	921	Days	5	MW	10.5	Visc	35.0
Formati	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	DRILLIN	IG @ 67	91'							
Start	End	Hrs	From	To	Activity Descrip	ption						
06:00	16:30	10.5	5870	6295	ROTATE AND SL 2000/2320 PSI, DI 6083'.							
16:30	17:00	0.5	6295	6295	SERVICE RIG.							
17:00	06:00	13.0	6295	6791	ROTATE AND SL SPP 2000/2320 PS					8' FPH. WOB	15/24. ROTAR	Y 50/60,
					2% SLIDE AND 9	98% ROT.						
						6719						
					NORTH HORN @	. 0/1/						
05-24-2	2012	Repor	ted By		BILL SNAPP	. 0/1/						
	2012 osts: Drilli	=	ted By \$58,3:	50	BILL SNAPP	apletion	\$6,763		Daily	Total	\$65,113	
DailyCo		ng	-		BILL SNAPP Con		\$6,763 \$6,763			[,] Total Total	\$65,113 \$602,170	
DailyCo	sts: Drilli	ing	\$58,3: \$595,4		BILL SNAPP Con Con	npletion		6				37.0

Activity at Report Time: DRILLING @ 7500'

Page 9

LOWER PRICE RIVER @ 8919'

BILL SNAPP

05-27-2012

Reported By

DailyCo	sts: Drilli	ng	\$45,0	79	Con	npletion	\$0		Dail	y Total	\$45,079	
Cum Co	osts: Drilli	ing	\$729,	215	Con	npletion	\$6,763		Well	Total	\$735,978	
MD	9,62	0 TV	D	9,550	Progress	695	Days	9	MW	12.0	Visc	38.0
Format	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time: 1	DRILLIN	IG @ 962	20'							
Start	End	Hrs	From	То	Activity Descri	ption						
06:00	16:00	10.0	8925	9296	ROTATE AND SI							
					SPP 2350/2650 PS MUD WT 11.9 PF		10/300, MOTO	K 64, GPM	401. 0% SLI	DE AND 1005	% KOI, NO FL	AKE.
					LOST 65 BBLS @							
16:00	16:30	0.5	9296	9296	SERVICE RIG.	200						
16:30	06:00	13.5	9296	9620	ROTATE AND SI SPP 2350/2650 PS							Y 50/65,
					SEGO @ 9514'							
					LOST 60 BBL M	UD @ 947:	5'.					
					NO FLARE.							
					MUD WT 12 PPC) .						
05-28-2	05–28–2012 Reported By BILL SNAPP											
DailyCosts: Drilling \$58,258			58	Con	npletion	\$0		Dail	y Total	\$58,258		
Cum Co	osts: Drilli	ing	\$787,	474	Con	npletion	\$6,763		Well	Total	\$794,237	
MD	9,71	6 TV	D	9,64	5 Progress	96	Days	10	MW	12.2	Visc	38.0
Format	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time: 1	LD DP									
Start	End	Hrs	From	To	Activity Descri	ption						
06:00	07:30	1.5	9620	9655	ROTATE AND SI 2350/2650 PSI, D							
07:30	08:00	0.5	9655	9655	CHECK FLOW, F	PUMP SLU	G.					
08:00	14:00	6.0	9655	9655	TRIP OUT TO LI PIPE SPINNERS.					*	G @ 40/42 FT/N	IIN. USING
14:00	15:00	1.0	9655	9655	LD DIRECTION					B 3300 .		
15:00	15:30	0.5	9655	9655	SERVICE RIG.							
15:30	20:30	5.0	9655	9655	TIH WITH BIT A 4593', WIPE THE 9655', WHILE PI LASTING 10 MII	ROUGH SP CKING UI	OT GONE. TI SINGLE TO	H WITH NO REPLACE I	O FURTHER DIR. TOOLS	PROBLEMS. S. 20' FLARE	W/R FROM 9	600' TO
20:30	21:30	1.0	9655	9655	W/R FROM 9600 WITH BOTTOMS '0 MIN. WITH 12	S UP, LAS	ΓING 10 MIN.	THEN TAP	ERING TO	INTERMITTE	ENT 5' TO 10' I	
21:30	01:30	4.0	9655	9716	DRILL FROM 96 419. NO FLARE.						70, SPP 2050 P	SI, GPM
01:30	03:00	1.5	9716	9716	CIRCULATE 1 1/ PUMP TO 279 GI				T 40 BBL M	UD PUMPING	G 401 GPM, SI	LOWED

02.00	02.20	0.4	5 0717	0716.6	THECK ELOW D	DOD CLID	VEV AND DUN	ID 60 DDI	14.2 DDC	SI IIC		
03:00	03:30	0.5			9716 CHECK FLOW, DROP SURVEY AND PUMP 60 BBL 14.2 PPG SLUG.							
03:30	04:00	0.5			9716 LAY DOWN DRILL PIPE, PULLING @ 38 TO 40 FT/MIN. USING PIPE SPINNERS.							
04:00	05:00	1.0	0 9716		9716 HOLE NOT FILLING FROM TRIP TANK, PU KELLY BREAK CIRC, AND SPOT LCM. FORMATION HOLDING @ 175 GPM., REPUMP 40 BBL 13.2 PPG SLUG.							
05:00	06:00	1.0	0 9716		AY DOWN DRII CIRCULATING O	,		TO 40 FT	'/MIN. USII	NG PIPE SPINI	NERS. HOLE	
05-29-	2012	Repor	rted By	В	SILL SNAPP							
DailyCo	osts: Drilli	ng	\$20,1	92	Com	pletion	\$169,462		Dai	ily Total	\$189,655	
Cum C	osts: Drilli	ing	\$807.	667	Com	pletion	\$176,225		We	ll Total	\$983,892	
MD	9,71	.6 T	VD	9,645	Progress	0	Days	11	MW	12.2	Visc	38.0
Format	ion :			PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Time: RDRT/ WO COMPLETION												
Start	End	Hrs	From	To A	activity Descrip	otion						
06:00	14:30	8.5	5 9716	9716 L	AY DOWN DRII	LL PIPE A	ND BHA. RIG S	SURVEY:	= 1.5 @ 968	35'.		
14:30	15:00	0.5	5 9716	7916 P	ULL WEAR BUS	SHING.						
15:00	16:00	1.0	9716	9716 P	16 PJSM/RIG UP WEATHERFORD CASING CREW.							
16:00	16:00 22:30 6.5 9716 9716 RUN TOTAL OF 231 JTS OF CASING (229 FULL JTS OF 4.5", 11.6#, N-80, LT&C + 2 MARKER JOINTS 11.6#, P-110, LTC) AS FOLLOWS: FLOAT SHOE, 1 JT CASING, FLOAT COLLAR, 56 JTS OF CASING, MARKER JOINT @ TOP OF PRICE RIVER, 68 JTS CASING, MARKER JOINT @ 400' ABOVE WASATCH, 104 JTS CASING. RAN 3 TURBILIZERS (5' ABOVE SHOE AND MIDDLE OF JTS #2 & #3) + 1 BOW CENTRALIZER ON 4TH JOINT THEN EVERY 3RD JOINT THEREAFTER TO 400' ABOVE WASATCH (TOTAL OF 42). TAG BOTTOM, LAY DOWN TAG JOINT. PICK UP MANDREL & LAND CASING W/85K STRING WEIGHT @ 9702.08'. CASING WENT TO BOTTOM W/NO HOLE PROBLEMS.										56 JTS OF 400' DLE OF JTS ER TO 400' ANDREL &	
				C	CASING LANDE	D @ 22:30	AS FOLLOWS	S (DEPTH	IS SHOWN	ARE TOPS OF	i	
				C	COMPONENTS U	JNLESS C	THERWISE ST.	ATED):				
				F	LOAT SHOE (BO	OTTOM):	9702'					
				F	LOAT COLLAR:	9654'						
				Ν	ARKER JOINT:	7281'						
				Ν	ARKER JOINT:	4404'						
22:30	23:30	1.0	9716	9716 C	CIRCULATE CAS	SING, LAS	ST 200 BBL MU	D CONTA	AINING .5	GPT GA 25. NO	O FLARE.	
23:30	02:00	2.5	5 9716	V 0 1 C 2	JSM, TEST LINE VATER W 0.5 GP .3% VERSASET, 25 LBM POLY-I BPT MYACIDE. 1 550 PSI. BUMPI IELD, 2 BBLS BA	T XCIDE. 0.5% HR- E-FLAKE DISPLAC ED PLUG	PUMP 515 SK -5 OF LEAD CF OF TAIL CEMI ED @ 8 BBLS N & PRESSURED	S (147 BE EMENT. ENT. DIS MIN. SLO O UP TO 3	BLS) OF 12 1400 SKS (SPLACED V OWED TO 2 3510#, BLE	.5#, 1.61 YIELI 366 BBLS) OF W/150 BBLS O BBLS MIN W ED OFF & CHI	O W/6% BENTO 13.5#, 1.47 YIE F FRESH WAT /140 BBLS GO ECK FLOAT, F	ONITE, ELD W/0. ER W/.5 ONE. FCP FLOATS
02:00	03:00	1.0	0 9716	9716 P	RESSURE BACK	X TO 1000	PSI AND HOL	D 1 HR.				
03:00	04:00	1.0	9716	9716 S	ET PACK OFF &	TEST TO	5000# FOR 15	MIN.				
04:00	05:00	1.0	9716	9716 N	IIPPLE DOWN B	OP.						
05:00	06:00	1.0	9716	9716 C	LEAN MUD TA	NKS. RD	RT.					
				Е	DIESEL TRANSF	ERRED T	O CWU 1426–1	5D 4928 (GALS @ 3.	7959 PER GAL	LON. TOTAL	\$18,524.35.
06:00			0	0 R	ELEASE RIG O	N 5/29/201	12 AT 6:00 AM.					

Field: CHAPITA DEEP

Sundry Number: 26390 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Sundry Number: 26390 API Well Number: 43047503110000

Well Name: CWU 1431–15D Field: CHAPITA DEEP Property: 064670

CASING POINT COST \$812,917

SUBMIT AS EMAIL

Print Form

BLM - Vernal Field Office - Notification Form

Oper	rator <u>EOG Resources</u>						
Subr	nitted By Bill Snapp	Phone Nun	nber <u>1-43</u>	35-828-6404			
	Name/Number CWU 1431-1						
	Qtr <u>sw/se</u> Section <u>15</u>		s R	lange 22 E			
	e Serial Number <u>UTU-0283</u> A						
API I	Number <u>43-047-50311</u>						
	<u>f Notice</u> – Spud is the initia below a casing string.	l spudding o	f the we	ll, not drilling			
	Date/Time		AM 🗌	PM 🗌			
Casir time	ng – Please report time cas s. Surface Casing Intermediate Casing	ing run starl	REC	ementing EIVED 3 0 2012			
✓	Production Casing Liner Other			GAS & MINING			
	Date/Time <u>05/28/2012</u>	10:30	AM 🗸	PM 🗌			
BOPI	E Initial BOPE test at surface BOPE test at intermediate 30 day BOPE test Other						
	Date/Time		AM 🗌	РМ			
Rem	arks		1111				

Sundry Number: 27230 API Well Number: 43047503110000

	STATE OF UTAH			FORM 9					
I	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS, AND N			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A					
SUNDR	Y NOTICES AND REPORT	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
	posals to drill new wells, significant reenter plugged wells, or to drill hori n for such proposals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS					
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 1431-15D					
2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER: 43047503110000								
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	9. FIELD and POOL or WILDCAT: NATURAL BUTTES								
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL		COUNTY: UINTAH							
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSE Section: 1	STATE: UTAH								
11. CHECI	11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA								
TYPE OF SUBMISSION			TYPE OF ACTION						
	ACIDIZE		LTER CASING	CASING REPAIR					
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	□ c	HANGE TUBING	CHANGE WELL NAME					
Approximate date work will start:	CHANGE WELL STATUS	□ c	OMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE					
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ г	RACTURE TREAT	NEW CONSTRUCTION					
	OPERATOR CHANGE		LUG AND ABANDON	PLUG BACK					
	PRODUCTION START OR RESUME		ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION					
SPUD REPORT Date of Spud:									
	REPERFORATE CURRENT FORMATION		IDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON					
✓ DRILLING REPORT	L TUBING REPAIR		ENT OR FLARE	☐ WATER DISPOSAL					
Report Date: 7/2/2012	WATER SHUTOFF	∟ s	I TA STATUS EXTENSION	APD EXTENSION					
1/2/2012	WILDCAT WELL DETERMINATION	☐ o	THER	OTHER:					
	COMPLETED OPERATIONS. Clearly sho pletion operations, please chronology.			Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 03, 2012					
NAME (PLEASE PRINT) Vail Nazzaro	PHONE NUI 303 824-5590	MBER	TITLE Sr. Regulatory Assistant						
SIGNATURE			DATE						
N/A			7/2/2012						

RECEIVED: Jul. 02, 2012

02.00	02.20	0.4	5 0717	0716.6	THECK ELOW D	DOD CLID	VEV AND DUN	ID 60 DDI	14.2 DDC	SI IIC		
03:00	03:30	0.5			9716 CHECK FLOW, DROP SURVEY AND PUMP 60 BBL 14.2 PPG SLUG.							
03:30	04:00	0.5			9716 LAY DOWN DRILL PIPE, PULLING @ 38 TO 40 FT/MIN. USING PIPE SPINNERS.							
04:00	05:00	1.0	0 9716		9716 HOLE NOT FILLING FROM TRIP TANK, PU KELLY BREAK CIRC, AND SPOT LCM. FORMATION HOLDING @ 175 GPM., REPUMP 40 BBL 13.2 PPG SLUG.							
05:00	06:00	1.0	0 9716		AY DOWN DRII CIRCULATING O	,		TO 40 FT	'/MIN. USII	NG PIPE SPINI	NERS. HOLE	
05-29-	2012	Repor	rted By	В	SILL SNAPP							
DailyCo	osts: Drilli	ng	\$20,1	92	Com	pletion	\$169,462		Dai	ily Total	\$189,655	
Cum C	osts: Drilli	ing	\$807.	667	Com	pletion	\$176,225		We	ll Total	\$983,892	
MD	9,71	.6 T	VD	9,645	Progress	0	Days	11	MW	12.2	Visc	38.0
Format	ion :			PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Time: RDRT/ WO COMPLETION												
Start	End	Hrs	From	To A	activity Descrip	otion						
06:00	14:30	8.5	5 9716	9716 L	AY DOWN DRII	LL PIPE A	ND BHA. RIG S	SURVEY:	= 1.5 @ 968	35'.		
14:30	15:00	0.5	5 9716	7916 P	ULL WEAR BUS	SHING.						
15:00	16:00	1.0	9716	9716 P	16 PJSM/RIG UP WEATHERFORD CASING CREW.							
16:00	16:00 22:30 6.5 9716 9716 RUN TOTAL OF 231 JTS OF CASING (229 FULL JTS OF 4.5", 11.6#, N-80, LT&C + 2 MARKER JOINTS 11.6#, P-110, LTC) AS FOLLOWS: FLOAT SHOE, 1 JT CASING, FLOAT COLLAR, 56 JTS OF CASING, MARKER JOINT @ TOP OF PRICE RIVER, 68 JTS CASING, MARKER JOINT @ 400' ABOVE WASATCH, 104 JTS CASING. RAN 3 TURBILIZERS (5' ABOVE SHOE AND MIDDLE OF JTS #2 & #3) + 1 BOW CENTRALIZER ON 4TH JOINT THEN EVERY 3RD JOINT THEREAFTER TO 400' ABOVE WASATCH (TOTAL OF 42). TAG BOTTOM, LAY DOWN TAG JOINT. PICK UP MANDREL & LAND CASING W/85K STRING WEIGHT @ 9702.08'. CASING WENT TO BOTTOM W/NO HOLE PROBLEMS.										56 JTS OF 400' DLE OF JTS ER TO 400' ANDREL &	
				C	CASING LANDE	D @ 22:30	AS FOLLOWS	S (DEPTH	IS SHOWN	ARE TOPS OF	i	
				C	COMPONENTS U	JNLESS C	THERWISE ST.	ATED):				
				F	LOAT SHOE (BO	OTTOM):	9702'					
				F	LOAT COLLAR:	9654'						
				Ν	ARKER JOINT:	7281'						
				Ν	ARKER JOINT:	4404'						
22:30	23:30	1.0	9716	9716 C	CIRCULATE CAS	SING, LAS	ST 200 BBL MU	D CONTA	AINING .5	GPT GA 25. NO	O FLARE.	
23:30	02:00	2.5	5 9716	V 0 1 C 2	JSM, TEST LINE VATER W 0.5 GP .3% VERSASET, 25 LBM POLY-I BPT MYACIDE. 1 550 PSI. BUMPI IELD, 2 BBLS BA	T XCIDE. 0.5% HR- E-FLAKE DISPLAC ED PLUG	PUMP 515 SK -5 OF LEAD CF OF TAIL CEMI ED @ 8 BBLS N & PRESSURED	S (147 BE EMENT. ENT. DIS MIN. SLO O UP TO 3	BLS) OF 12 1400 SKS (SPLACED V OWED TO 2 3510#, BLE	.5#, 1.61 YIELI 366 BBLS) OF W/150 BBLS O BBLS MIN W ED OFF & CHI	O W/6% BENTO 13.5#, 1.47 YIE F FRESH WAT /140 BBLS GO ECK FLOAT, F	ONITE, ELD W/0. ER W/.5 ONE. FCP FLOATS
02:00	03:00	1.0	0 9716	9716 P	RESSURE BACK	X TO 1000	PSI AND HOL	D 1 HR.				
03:00	04:00	1.0	9716	9716 S	ET PACK OFF &	TEST TO	5000# FOR 15	MIN.				
04:00	05:00	1.0	9716	9716 N	IIPPLE DOWN B	OP.						
05:00	06:00	1.0	9716	9716 C	LEAN MUD TA	NKS. RD	RT.					
				Е	DIESEL TRANSF	ERRED T	O CWU 1426–1	5D 4928 (GALS @ 3.	7959 PER GAL	LON. TOTAL	\$18,524.35.
06:00			0	0 R	ELEASE RIG O	N 5/29/201	12 AT 6:00 AM.					

Field: CHAPITA DEEP

Sundry Number: 27230 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Sundry Number: 27230 API Well Number: 43047503110000

Well Name: CWU 1431–15D Field: CHAPITA DEEP Property: 064670

CASING POINT COST \$812,917

@ 2340'. RDWL.

06-27-2	2012	Repo	orted By	Sl	EARLE							
DailyCo	osts: Dril	ling	\$0		C	ompletion	\$15,000		Daily	Total	\$15,000	
Cum Co	osts: Dril	ling	\$807,6	567	C	ompletion	\$191,225		Well	Fotal	\$998,892	
MD	9,7	'16 T	ΓVD	9,645	Progress	0	Days	12	MW	0.0	Visc	0.0
Formation: PBTD: 9638.0				Perf:			PKR Dep	oth: 0.0				
Activity	at Repo	rt Time	:									
Start	End	Hrs	From	To A	ctivity Desc	cription						
06:00	06:00 0 MIRU CUTTERS WIRELINE. LOG WITH CBL/CCL/VDL/GR FROM 9637' TO 50'. EST CEMENT TOP							ENT TOP				

Form 3160-3 (August 2007)

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 0 3 2009

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

Lease Serial No. UTU0283A

6. If Indian, Allottee or Tribe Name

Ia. Type of Work: DRILL REENTER		7. If Unit or CA Agreement, Nam UTU63013BF	e and No.	
lb. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Otl	ner Single Zone Multiple Zone	8. Lease Name and Well No. CWU 1431-15D		
	KAYLENE R GARDNER NE_GARDNER@EOGRESOURCES.COM	9. API Well No. +3-047-503//		
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-9111	10. Field and Pool, or Explorator NATURAL BUTTES	y	
4. Location of Well (Report location clearly and in accord	ance with any State requirements.*)	11. Sec., T., R., M., or Blk. and S	urvey or Area	
At surface SWSE 661FSL 1836FEL 4	Sec 15 T9S R22E Mer SI SME: BLM	LB .		
At proposed prod. zone NWSE 1355FSL 2039FEL	40.03244 N Lat, 109.42393 W Lon	J		
14. Distance in miles and direction from nearest town or post 47.9 MILES SOUTH OF VERNAL	office*	12. County or Parish UINTAH	13. State UT	
15. Distance from proposed location to nearest property or	16. No. of Acres in Lease	17. Spacing Unit dedicated to this	s well	
lease line, ft. (Also to nearest drig. unit line, if any) 1355	1360.00			
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth	20. BLM/BIA Bond No. on file	· · · · · · · · · · · · · · · · · · ·	
completed, applied for, on this lease, ft. 760	9608 MD 9580 TVD	NM2308		
21. Elevations (Show whether DF, KB, RT, GL, etc. 4840 GL	22. Approximate date work will start	23. Estimated duration 45-DAYS		
	24. Attachments			
The following, completed in accordance with the requirements	of Onshore Oil and Gas Order No. 1, shall be attached to	this form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Sys SUPO shall be filed with the appropriate Forest Service Or 	tem Lands, the Item 20 above). 5. Operator certification	ons unless covered by an existing bo	,	
25. Signature (Electronic Submission)	Name (Printed/Typed) KAYLENE R GARDNER Ph: 435-781-9	Da 0	te 3/03/2009	
Title LEAD REGULATORY ASSISTANT		•		
Approved by (Signature)	Name (Printed/Typed)	it iail Dra	te / OOOO	

operations thereon.
Conditions of approval, if any, are attached. CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

& Mineral Resources

Application approval does not warrant or certify the applicant holds legal or equitab

NOTICE OF APPROVAL

Electronic Submission #67749 verified by the BLM Well Information System
For EOG RESOURCES INC, sent to the Vernal
Committed to AFMSS for processing by GAIL JENKINS on 03/18/2009 (09GXJ3379AE)
JUL 0 1 2009

FIELD OFFICE

DIV. OF OIL, GAS & MINING

e the applicant to conduct



Title

** BLM REVISED **



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE**

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No: API No:

EOG RESOURCES CWU 1431-15D

43-047-50311

Location:

SWSE SEC. 15, T9S, R22E

Lease No:

UTU-0283A

Agreement:

CHAPITA WELLS UNIT

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer: Petroleum Engineer: Supervisory Petroleum Technician: Supervisory NRS: NRS/Enviro Scientist: NRS/Enviro Scientist: NRS/Enviro Scientist:	Michael Lee Ryan Angus Jamie Sparger Karl Wright Holly Villa James Hereford Chuck Macdonald	(435) 781-4432 (435) 781-4430 (435) 781-4502 (435) 781-4484 (435) 781-4404 (435) 781-3412 (435) 781-4441	(435) 828-7875 (435) 828-7368 (435) 828-3913 (435) 828-3544 (435) 828-3546 (435) 828-7481
NRS/Enviro Scientist:	Dan Emmett Paul Percival Anna Figueroa Verlyn Pindell Nathan Packer David Gordon Christine Cimiluca Lori Ford	(435) 781-3414 (435) 781-4493 (435) 781-3407 (435) 781-3402 (435) 781-3405 (435) 781-4424 (435) 781-4475 (435) 781-4406	(435) 828-4029 (435) 828-7381 (435) 828-3548 (435) 828-3547 (435) 828-3545

Fax: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 6 Well: CWU 1431-15D 6/26/2009

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Prevent fill and stock piles from entering drainages.
- The access road shall be crowned and ditched. Flat-bladed roads are not allowed.
- The authorized officer may prohibit surface disturbing activities during severe winter, wet, or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches, or gravel (from a private or commercial source) etc. shall be needed to control the erosion. Low-water crossings and culverts shall be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Bury pipelines at all low water crossings.
- Surface pipelines will be placed 5-10 feet outside of the borrow area.
- Surface pipelines will be placed in such a way that they will not wander into the borrow area.
- Pipelines will be buried at all major road and drainage crossings.
- The pit liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.

Page 3 of 6 Well: CWU 1431-15D 6/26/2009

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- The production casing cement shall extend a minimum of 200 feet above the surface casing shoe.
- A formation integrity test shall be performed at the surface casing shoe.
- Gamma Ray Log shall be run from Total Depth to Surface.
- Electronic/mechanical mud monitoring equipment shall be required, from surface casing shoe to TD, which shall include as a minimum: pit volume totalizer (PVT); stroke counter; and flow sensor.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
 daily drilling report. Components shall be operated and tested as required by Onshore Oil &
 Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
 performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
 reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.

Page 4 of 6 Well: CWU 1431-15D 6/26/2009

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
 is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
 Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
 Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum
 Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: CWU 1431-15D 6/26/2009

OPERATING REQUIREMENT REMINDERS:

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written
 communication and must be received in this office by not later than the fifth business day
 following the date on which the well is placed on production. The notification shall provide, as a
 minimum, the following informational items:
 - Operator name, address, and telephone number.
 - o Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

Page 6 of 6 Well: CWU 1431-15D 6/26/2009

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
 Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports shall be
 submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
 standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
 measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
 to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
 first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
 adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
 sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
 lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of
 a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval
 may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior
 approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
 before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
 Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
 order that a representative may witness plugging operations. If a well is suspended or
 abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent
 Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual
 plugging of the well bore, showing location of plugs, amount of cement in each, and amount of
 casing left in hole, and the current status of the surface restoration.

Sundry Number: 28007 API Well Number: 43047503110000

	STATE OF UTAH		FORM 9							
ι	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A							
SUNDR	Y NOTICES AND REPORTS OF	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:							
	posals to drill new wells, significantly de reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS							
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1431-15D							
2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER: 43047503110000									
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	9. FIELD and POOL or WILDCAT: NATURAL BUTTES									
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL			COUNTY: UINTAH							
QTR/QTR, SECTION, TOWNSH	IIP, RANGE, MERIDIAN: 5 Township: 09.0S Range: 22.0E Meridian	: S	STATE: UTAH							
11. CHECK	11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA									
TYPE OF SUBMISSION		TYPE OF ACTION								
	ACIDIZE	ALTER CASING	CASING REPAIR							
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME							
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE							
SUBSEQUENT REPORT Date of Work Completion: 7/23/2012	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION							
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK							
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION							
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON							
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL							
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION							
·	WILDCAT WELL DETERMINATION	OTHER	OTHER:							
The referenced we the attached oper	COMPLETED OPERATIONS. Clearly show all pell is was turned to sales on 7- ations summary report for dril ations performed on the subject	23-2012. Please see ling and completion	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY							
			August 01, 2012							
NAME (DI EASE DDINT)	PHONE NUMBER	TITLE								
Vail Nazzaro	303 824-5590	Sr. Regulatory Assistant								
SIGNATURE N/A		DATE 7/24/2012								

Sundry Number: 28007 API Well Number: 43047503110000

WELL	CHRONOLOGY
	REPORT

Report Generated On: 07-24-2012

Well Name	CWU 1431-15D	Well Type	DEVG	Division	DENVER				
Field	CHAPITA DEEP	API#	43-047-50311	Well Class	COMP				
County, State	UINTAH, UT	Spud Date	05-19-2012	Class Date	07-23-2012				
Tax Credit	N	TVD / MD	9,645/9,714	Property #	064670				
Water Depth	0	Last CSG	2.375	Shoe TVD / MD	8,004/ 8,004				
KB / GL Elev	4,859/ 4,840								
Location	Section 15, T9S, R22E, SWSE, 661 FSL & 1836 FEL								

Event No	1.0			Description	DR	RILL & COMPLETE	Ξ				
Operator	EOG RESOURCES		ES, INC	WI %	55.605			NRI %		47.597	
AFE No		306866		AFE Total		1,680,705		DHC / C	CWC	754,1	05/ 926,600
Rig Contr			Rig Name	e TRUE #34		Start Date	05-	-14-2012	Release	Date	05-29-2012
Rig Contr	POW INC	ELL SER.	Rig Namo	e RIG 1		Start Date	07-	-19–2012	Release	Date	07-20-2012
03-13-2009	Re	eported By	SI	HEILA MALLOY							
DailyCosts: Dr	rilling	\$0		Comple	etion	\$0		Daily	y Total	\$0	
Cum Costs: Di	rilling	\$0		Comple	etion	\$0		Well	Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD : 0	0.0		Perf:			PKR De	epth: 0.0)

Activity at Report Time: LOCATION DATA

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0) ()	0 LOCATION DATA
					661' FSL & 1836' FEL (SW/SE)
					SECTION 15, T9S, R22E
					UINTAH COUNTY, UTAH
					LAT 40.030533, LONG 109.423192 (NAD 83)
					LAT 40.030569, LONG 109.422508 (NAD 27)
					TRUE #34
					OBJECTIVE: 9645' TVD/ 9714' MD, MESAVERDE
					DW/GAS
					CHAPITA WELLS DEEP PROSPECT
					DD&A: CHAPITA DEEP
					NATURAL BUTTES FIELD

ELEVATION: 4840' NAT GL, 4840.1' PREP GL (DUE TO ROUNDING PREP GL WILL BE 4840) 4859' KB (19') MULTI PAD WELL W/CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D,

LEASE: U-0283-A

CWU 1431-15D

RECEIVED: Jul. 24, 2012

Sundry Number: 28007 API Well Number: 43047503110000 Well Name: CWU 1431–15D Field: CHAPITA DEEP

EOG WI 55.6055%, NRI 47.	59694%				
02–21–2012 Reported By ROBERT WILKINS					
DailyCosts: Drilling \$0 Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling \$0 Completion	\$0		Well Total	\$0	
MD 0 TVD 0 Progress 0	Days	0	MW 0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		PKR I	Depth: 0.0	
Activity at Report Time: BUILD LOCATION					
Start End Hrs From To Activity Description					
06:00 06:00 24.0 0 0 MOVING IN EQUIPMENT.					
02–22–2012 Reported By ROBERT WILKINS					
DailyCosts: Drilling \$0 Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling \$0 Completion	\$0		Well Total	\$0	
MD 0 TVD 0 Progress 0	Days	0	MW 0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		PKR I	Depth: 0.0	
Activity at Report Time: BUILD LOCATION					
Start End Hrs From To Activity Description					
06:00 06:00 24.0 0 0 PUSHING DIRT 10% COM	PLETE.				
02–23–2012 Reported By ROBERT WILKINS					
DailyCosts: Drilling \$0 Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling \$0 Completion	\$0		Well Total	\$0	
MD 0 TVD 0 Progress 0	Days	0	MW 0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		PKR I	Depth: 0.0	
Activity at Report Time: BUILD LOCATION					
Start End Hrs From To Activity Description					
06:00 06:00 24.0 0 0 PUSHING DIRT 20% COM	PLETE.				
02–24–2012 Reported By ROBERT WILKINS					
DailyCosts: Drilling \$0 Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling \$0 Completion	\$0		Well Total	\$0	
MD 0 TVD 0 Progress 0	Days	0	MW 0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		PKR I	Depth: 0.0	
Activity at Report Time: BUILD LOCATION					
Start End Hrs From To Activity Description					
06:00 06:00 24.0 0 0 PUSHING DIRT 30% COM	PLETE.				
02–25–2012 Reported By ROBERT WILKINS					
DailyCosts: Drilling \$0 Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling \$0 Completion	\$0		Well Total	\$0	
MD 0 TVD 0 Progress 0	Days	0	MW 0.0	Visc	0.0
Formation: PBTD: 0.0	Perf:		PKR I	Depth: 0.0	

Sundry Number: 28007 API Well Number: 43047503110000 Well Name: CWU 1431–15D Field: CHAPITA DEEP

Start End Hrs From To	Activity Description					
06:00 06:00 24.0 0 0	PUSHING DIRT 50% COME	PLETE.				
02-27-2012 Reported By	ROBERT WILKINS					
DailyCosts: Drilling \$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling \$0	Completion	\$0		Well Total	\$0	
MD 0 TVD 0	Progress 0	Days	0	MW 0.0	Visc	0.0
Formation: PBTD	: 0.0	Perf:		PKR De	pth: 0.0	
Activity at Report Time: LOCATION BUIL	LD					
Start End Hrs From To	Activity Description					
06:00 06:00 24.0 0	LOCATION IS 85% COMPL	ETE/WORKIN	IG ON CLO	SED LOOP.		
02-28-2012 Reported By	ROBERT WILKINS					
DailyCosts: Drilling \$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling \$0	Completion	\$0		Well Total	\$0	
MD 0 TVD 0	Progress 0	Days	0	MW 0.0	Visc	0.0
Formation: PBTD	: 0.0	Perf:		PKR De	pth: 0.0	
Activity at Report Time: BUILD LOCATION	ON					
Start End Hrs From To	Activity Description					
06:00 06:00 24.0 0	LOCATION IS 95% COMPL	ETED/WORKI	ING ON CL	OSED LOOP.		
02-29-2012 Reported By	ROBERT WILKINS					
DailyCosts: Drilling \$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling \$0	Completion	\$0		Well Total	\$0	
MD 0 TVD 0	Progress 0	Days	0	MW 0.0	Visc	0.0
Formation: PBTD	8	Perf:		PKR De	pth : 0.0	
Activity at Report Time: WO SURFACE R	IG				•	
Start End Hrs From To	Activity Description					
	LOCATION IS 100% COMP	LETE/WORKI	NG ON CLO	OSED LOOP. WO SURF	ACE RIG.	
03-12-2012 Reported By	GERALD ASHCRAFT					
DailyCosts: Drilling \$57,054	Completion	\$0		Daily Total	\$57,054	
Cum Costs: Drilling \$57,054	Completion	\$0		Well Total	\$57,054	
MD 60 TVD 60	Progress 0	Days	0	MW 0.0	Visc	0.0
Formation: PBTD	_	Perf :		PKR De		
Activity at Report Time: SPUD NOTIFICA					=	
Start End Hrs From To	Activity Description					
	CRAIG'S BUCKET RIG SPI CEMENT TO SURFACE WI 10:26 AM.					
04-06-2012 Reported By	KERRY SALES					
DailyCosts: Drilling \$22,164	Completion	\$0		Daily Total	\$22,164	
Cum Costs: Drilling \$79,219	Completion	\$0		Well Total	\$79,219	
MD 384 TVD 384	Progress 65	Days	0	MW 0.0	Visc	0.0
		Days	U	MW 0.0	VISC	0.0

Activity at Report Time:	DRILLING @ 384'
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06:00	18:00	12.0	1384		ROTATE AND SL 80, STKS 132, GF ROT AND 14% SI	M 501, PS	II 1100, TFO	20R, 1.6' LEI		*	*	*
18:00	06:00	12.0	1804	2104	ROTATE AND SL 79, STKS 131, GF 12% SLIDE. 95/10	M 497, PS	I 1100, TFO			*		
					FULL CREWS.							
					NO ACCIDENTS	OR INCIE	DENTS REPO	ORTED.				
					SAFETY MEETIN	NGS: HIGI	H PRESSURI	E AND SAFE	TY EQUIPM	ENT.		
					DIESEL USED 11							
					CRAIGS BUCKE	T RIG SET	Γ CONDUCT	OR ON THE	CWU 1430-	15D. 4/7/2012	2.	
04-09-2	2012	Reporte	d By		KERRY SALES							
DailyCo	sts: Drillin	g	\$36,826	5	Con	pletion	\$0		Daily	Total	\$36,826	
Cum Co	sts: Drillin	g	\$171,93	80	Con	pletion	\$0		Well	Total	\$171,930	
MD	2,349	TVI)	2,317	Progress	245	Days	0	MW	0.0	Visc	0.0
Formati	on:		J	PBTD :	: 0.0		Perf:			PKR De _l	oth: 0.0	
Activity	at Report	Time: W	IPER TF	IP.								
Start	End	Hrs]	From 7	Го	Activity Descrip	ption						

Start End Hrs From Total Value Activity Description 6000 12:30 6.5 21:41 2254 ROTATE AND SLIDE DRILL FROM 2104' TO 2254', 150', ROP 23', WOB 14/15, ROTARY 45, MOTOR 80, STKS 132, PSI 1200, GPM 501, TPO 20R, 88 ROT AND 12% SLIDE, 4' LEFT OF LINE AND AZMUTH ON THE LINE. GOOD RETURNS. 12:30 13:30 14:30 21.50 2254 2254 CIRCULATE AND LAY DOWN 3 IT'S OF DRILL PIPE. 90'. 14:30 15:00 0.5 2254 2254 CIRCULATE AND LAY DOWN 3 IT'S OF DRILL PIPE. 90'. 14:30 15:00 0.5 2254 2254 CIRCULATE AND SLIDE ON TINUE DRILL ING. 15:00 18:00 3.5 2254 2254 PICK UP 3 JOINTS AND CONTINUE DRILLING. 18:00 28:00 3.5 2254 2254 PICK UP 3 JOINTS AND CONTINUE DRILLING. 18:00 28:00 28:00 25:00 28:00 ROTATE AND SLIDE DRILL FROM 2254' TO 2299' 45', ROP 15'. DRILLING PARAMETES THE ASME. 18:00 29:00 21:00 21:00 21:00 ROTATE AND SLIDE DRILL FROM 2299' TO 2349', 50'. ROP 25', WOB 14/15, ROTARY 45, MOTOR ASME. 21:00 21:00	Formati	on:			PBTD	: 0.0	Perf :	PKR Depth : 0.0
12:30	Activity	at Repor	t Time:	WIPER T	RIP			
80, STKS 132, PSI 1200, GPM 501, TFO 20R, 88 ROT AND 12% SLIDE, 4' LEFT OF LINE AND AZMUTH ON THE LINE. GOOD RETURNS.	Start	End	Hrs	From	To	Activity Description		
13:30	06:00	12:30	6.5	2104	2254	80, STKS 132, PSI 1200, GPM	501, TFO 20R, 88 ROT	
14:30 15:00 0.5 2254 2254 PICK UP 3 JOINTS AND CONTINUE DRILLING. 15:00 18:00 3.0 2254 2299 ROTATE AND SLIDE DRILL FROM 2254' TO 2299'. 45', ROP 15'. DRILLING PARAMETERS THE SAME. 18:00 20:00 2.0 2299 2349 ROTATE AND SLIDE DRILL FROM 2299' TO 2349'. 50'. ROP 25', WOB 14/15, ROTARY 45, MOTOR 80, STKS 132, PSI 1200, GPM 501, TFO 20R, 2' BELOW AND 4' LEFT OF LINE, 73% ROT AND 27% SLIDE. GOOD RETURNS. (MD-TVD 32'). 20:00 21:00 1.0 2349 2349 PUMP 2 POLY PLUS SWEEPS AND CIRCULATE BOTTOMS UP. 21:00 23:30 2.5 2349 2349 TOH FROM 2349' TO BHA 255'. 23:30 02:00 2.5 2349 2349 LD BHA & TOOLS, MOTOR, MWD TOOLS, SHOCK SUB, BIT AND DC'S. 02:00 06:00 4.0 2349 2349 SET UP AND TIH WITH WIPER TRIP WASH AND REAM THROUGH TIGHT SPOTS AT, 1450',1600', 1630'. 2050' AT 06:00 HRS. TD WELL AT 20:00 HRS ON 4/8/2012. TOTAL DEPTH 2349' RKB 19' FOR TRUE 34. (MD-TVD 32'). FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.	12:30	13:30	1.0	2254	2254	CIRCULATE AND LAY DOWN	N 3 JT'S OF DRILL PI	PE. 90'.
15:00 18:00 3.0 2254 2299 ROTATE AND SLIDE DRILL FROM 2254' TO 2299'. 45', ROP 15'. DRILLING PARAMETERS THE SAME. 18:00 20:00 2.0 2299 2349 ROTATE AND SLIDE DRILL FROM 2299' TO 2349'. 50'. ROP 25', WOB 14/15, ROTARY 45, MOTOR 80, STKS 132, PSI 1200, GPM 501, TFO 20R, 2' BELOW AND 4' LEFT OF LINE, 73% ROT AND 27% SLIDE. GOOD RETURNS. (MD—TVD 32'). 20:00 21:00 1.0 2349 2349 PUMP 2 POLY PLUS SWEEPS AND CIRCULATE BOTTOMS UP. 21:00 23:30 2.5 2349 2349 TOH FROM 2349' TO BHA 255'. 23:30 02:00 2.5 2349 2349 LD BHA & TOOLS, MOTOR, MWD TOOLS, SHOCK SUB, BIT AND DC'S. 02:00 06:00 4.0 2349 2349 SET UP AND TIH WITH WIPER TRIP. WASH AND REAM THROUGH TIGHT SPOTS AT, 1450',1600', 1630'. 2050' AT 06:00 HRS. TD WELL AT 20:00 HRS ON 4/8/2012. TOTAL DEPTH 2349' RKB 19' FOR TRUE 34. (MD—TVD 32'). FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.	13:30	14:30	1.0	2254	2254	CHANGE OUT SWAB IN MUI	O PUMP.	
SAME. 18:00 20:00 2.0 2.0 2.29 2.349 ROTATE AND SLIDE DRILL FROM 2299' TO 2349'. 50'. ROP 25', WOB 14/15, ROTARY 45, MOTOR 80, STKS 132, PSI 1200, GPM 501, TFO 20R, 2' BELOW AND 4' LEFT OF LINE, 73% ROT AND 27% SLIDE. GOOD RETURNS. (MD—TVD 32').	14:30	15:00	0.5	2254	2254	PICK UP 3 JOINTS AND CON	TINUE DRILLING.	
STKS 132, PSI 1200, GPM 501, TFO 20R, 2' BELOW AND 4' LEFT OF LINE, 73% ROT AND 27% SLIDE. GOOD RETURNS. (MD-TVD 32'). 20:00 21:00 1.0 2349 2349 PUMP 2 POLY PLUS SWEEPS AND CIRCULATE BOTTOMS UP. 21:00 23:30 2.5 2349 2349 TOH FROM 2349' TO BHA 255'. 23:30 02:00 2.5 2349 2349 LD BHA & TOOLS, MOTOR, MWD TOOLS, SHOCK SUB, BIT AND DC'S. 02:00 06:00 4.0 2349 2349 ET UP AND TIH WITH WIPER TRIP. WASH AND REAM THROUGH TIGHT SPOTS AT, 1450',1600', 1630'. 2050' AT 06:00 HRS. TD WELL AT 20:00 HRS ON 4/8/2012. TOTAL DEPTH 2349' RKB 19' FOR TRUE 34. (MD-TVD 32'). FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.	15:00	18:00	3.0	2254	2299		FROM 2254' TO 2299'.	. 45', ROP 15'. DRILLING PARAMETERS THE
20:00 21:00 1.0 2349 2349 PUMP 2 POLY PLUS SWEEPS AND CIRCULATE BOTTOMS UP. 21:00 23:30 2.5 2349 2349 TOH FROM 2349' TO BHA 255'. 23:30 02:00 2.5 2349 2349 LD BHA & TOOLS, MOTOR, MWD TOOLS, SHOCK SUB, BIT AND DC'S. 02:00 06:00 4.0 2349 2349 SET UP AND TIH WITH WIPER TRIP. WASH AND REAM THROUGH TIGHT SPOTS AT, 1450',1600', 1630'. 2050' AT 06:00 HRS. TD WELL AT 20:00 HRS ON 4/8/2012. TOTAL DEPTH 2349' RKB 19' FOR TRUE 34. (MD-TVD 32'). FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.	18:00	20:00	2.0	2299	2349	STKS 132, PSI 1200, GPM 501		
21:00 23:30 2.5 2349 2349 TOH FROM 2349' TO BHA 255'. 23:30 02:00 2.5 2349 2349 LD BHA & TOOLS, MOTOR, MWD TOOLS, SHOCK SUB, BIT AND DC'S. 02:00 06:00 4.0 2349 2349 SET UP AND TIH WITH WIPER TRIP. WASH AND REAM THROUGH TIGHT SPOTS AT, 1450',1600', 1630'. 2050' AT 06:00 HRS. TD WELL AT 20:00 HRS ON 4/8/2012. TOTAL DEPTH 2349' RKB 19' FOR TRUE 34. (MD-TVD 32'). FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.						(MD-TVD 32').		
23:30 02:00 2.5 2349 2349 LD BHA & TOOLS, MOTOR, MWD TOOLS, SHOCK SUB, BIT AND DC'S. 02:00 06:00 4.0 2349 2349 SET UP AND TIH WITH WIPER TRIP. WASH AND REAM THROUGH TIGHT SPOTS AT, 1450',1600', 1630'. 2050' AT 06:00 HRS. TD WELL AT 20:00 HRS ON 4/8/2012. TOTAL DEPTH 2349' RKB 19' FOR TRUE 34. (MD-TVD 32'). FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.	20:00	21:00	1.0	2349	2349	PUMP 2 POLY PLUS SWEEPS	AND CIRCULATE B	OTTOMS UP.
02:00 06:00 4.0 2349 2349 SET UP AND TIH WITH WIPER TRIP. WASH AND REAM THROUGH TIGHT SPOTS AT, 1450',1600', 1630'. 2050' AT 06:00 HRS. TD WELL AT 20:00 HRS ON 4/8/2012. TOTAL DEPTH 2349' RKB 19' FOR TRUE 34. (MD-TVD 32'). FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.	21:00	23:30	2.5	2349	2349	TOH FROM 2349' TO BHA 25:	5'.	
1630'. 2050' AT 06:00 HRS. TD WELL AT 20:00 HRS ON 4/8/2012. TOTAL DEPTH 2349' RKB 19' FOR TRUE 34. (MD-TVD 32'). FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.	23:30	02:00	2.5	2349	2349	LD BHA & TOOLS, MOTOR, I	MWD TOOLS, SHOC	K SUB, BIT AND DC'S.
TOTAL DEPTH 2349' RKB 19' FOR TRUE 34. (MD-TVD 32'). FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.	02:00	06:00	4.0	2349	2349		R TRIP. WASH AND	REAM THROUGH TIGHT SPOTS AT, 1450',1600',
(MD-TVD 32'). FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.						TD WELL AT 20:00 HRS ON 4	/8/2012.	
FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.						TOTAL DEPTH 2349' RKB 19'	FOR TRUE 34.	
NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.						(MD-TVD 32').		
NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.								
SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.						FULL CREWS.		
						NO ACCIDENTS OR INCIDEN	ITS REPORTED.	
DIESEL USED 751 GALS.						SAFETY MEETINGS: MAKIN	G CONNECTIONS A	ND MUD PUMP POP OFF VALVE.
						DIESEL USED 751 GALS.		

Sundry Number: 28007 API Well Number: 43047503110000 Well Name: CWU 1431–15D Field: CHAPITA DEEP

04-10-2	2012	Report	ed By		KERRY SALES							
DailyCo	sts: Drilli	ng	\$117,	146	Con	npletion	\$0		Dail	ly Total	\$117,146	
•	osts: Drilli	Ü	\$289,	077		npletion	\$0			l Total	\$289,077	
MD	2,34	9 TV	D	2,317	7 Progress	0	Days	0	MW	0.0	Visc	0.0
Formati	ion :			PBTD	: 0.0		Perf :			PKR De	pth: 0.0	
Activity	at Report	Time:	WORT							•	-	
Start	End	Hrs	From	To	Activity Descrip	ption						
06:00	06:30	0.5	2349	2349	WIPER TRIP FRO	=	ГО 2349'. W	ASH LAST 6	0' ТО ВОТТ	OM.		
06:30	08:30	2.0	2349	2349	RUN 2 POLY PLU	JS SWEE	PS, CIR BOT	TOMS UP A	ND SPOT 50) BBL DRILLI	ING MUD ON	воттом.
08:30	12:30	4.0	2349	2349	TOH WIPER TRI	P FROM 2	349'. LAY E	OWN BHA.				
12:30	14:30	2.0	2349	2349	R/U TO RUN CAS	SING.						
14:30	19:30	5.0	2349	2349	RUN 56 JTS OF 9 2297.22'. RUN 8 0 LANDING JOINT	CENTRAI	LIZERS FRO	M 2329' TO	2011' TWO	FROM 352' TO	O 311'. PICK U	
19:30	21:00	1.5	2349	2349	CIRCULATE CAS	SING 315	BBL'S. FUL	L RETURNS				
21:00	22:30	1.5	2349	2349	RUN 200' OF 1" 7	TOP OUT	PIPE.					
22:30	00:30	2.0	2349	2349	RDMO. CLEAN I	MUD PITS	S AND PREF	ARE LOCAT	ION FOR C	WU 1429–15E	OX.	
00:30	06:00	5.5	2349	2349	MIRU: HALLIBU CEMENT VALVE FLUSH AHEAD (LEAD CEMENT MIXED AND PUI CEMENT @ 15.6 FCP 115 PSI, BUI DURING LEAD A WOC 1 HRS.	E TO 3000 OF CEME 10.5 PPG, MPED 300 PPG W/Y MPED PLU AND TAIL	PSI. PUMPE NT. LEAD: I YIELD 4.1 V) SACKS (63 'IELD OF 1. UG W/1385 I . AND NO R	ED 10 BBL O MIXED AND VITH 0.2% V BBLS) OF F 18. WE DISP PSI @ 02:42 A ETURNS UN	F FRESH W. PUMPED 2 ARSET, 2% PREMIUM C LACED CEN AM ON 04/1 TIL THE LA	ATER & 20 BI 50 SACKS (18 CALSEAL, A EMENT W/ 2 MENT W/ 176 0/2012. FLOA AST 10 BBL'S	BLS GELLED V 33 BBLS) OF P ND 2% EX-1.' % CACL2 MIX BBLS OF DRI T HELD. FULI OF DISPLACE	WATER REMIUM TAIL: ED LL WATER. LRETURNS EMENT.
					TOP JOB # 1: DO CEMENT W/2% (TO SURFACE AN TOP JOB # 2: DO	CACL2. M ND FELL I	IIXED CEMI BACK. WAIT	ENT @ 15.81 ON CEMEN	PPG W/YIEI VT 3.5 HRS.	LD OF 1.15 CF	F/SX. 1 BBL OF	FCEMENT
					MIXED CEMENT OBSERVE WELL PREPARED THE	Г @ 15.8 F . FOR 2 H	PPG W/YIEL RS WHILE I	D OF 1.15 CI RIGGING DO	F/SX. CEME WN.	ENT TO SURF	ACE 1 BBL BA	.CK,
					KERRY SALES N 04/09/2012@ 02:0 SURFACE CASIN NOTIFIED ON 04 FULL CREWS. NO ACCIDENTS SAFETY MEETII DIESEL USED 44	NOTIFIED 00 AM. KE NG AND C 1/07/2012 OR INCII NGS: RUN	ERRY SALES EMENT VIA © 04:20 PM DENTS REP	S NOTIFIED A PHONE ON	CAROL DA V 04/09/2012	NIELS WITH 2 AT 02:00 AM	UDOGM OF T . STATE AND I	HE
					RIG RELEASED	AT 12:30	AM ON 4/10	/2012.				

Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431–15D Field: CHAPITA DEEP Property: 064670

CASING TRANSFERED TO CWU 1429–15DX. 5 JT'S 37.01',41.52', 41.33', 29.56', 28.79'. THREADS OFF TOTAL 178.21'. CONDITION A.

					OFF TOTAL 178.	.21'. CONL	DITION A.					
05-19-2	2012	Repor	ted By		BILL SNAPP							
DailyCo	sts: Drilli	ing	\$72,33	6	Cor	npletion	\$0		Daily	Total	\$72,336	
Cum Co	sts: Drill	ing	\$361,4	13	Cor	npletion	\$0		Well	Total	\$361,413	
MD	2,64	TV 04	/ D	2,603	3 Progress	291	Days	1	MW	10.7	Visc	32.0
Formati	on:			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	DRILLIN	G @ 264	40'							
Start	End	Hrs	From	То	Activity Descri	ption						
10:30	12:30	2.0	0	0	RIG DOWN ANI	SKID RIC	G 20' TO CW	U 1431–15D				
12:30	13:30	1.0	0	0	RIG UP.							
13:30	15:00	1.5	0	0	NIPPLE UP BOP	, RIG ACC	EPTED @ 13	3:30 HRS ON	5/18/2012.			
15:00	18:30	3.5	0	0	TEST UPPER & MANIFOLD, CH 2500 PSI HIGH,	ECK VALV	E, PIPE RA	MS & BLIND	RAMS TO	5000 PSI HIG		
					KERY SALES NO 00 PM.NOTIFIC							
18:30	19:00	0.5	0	0	SET WEAR BUS	HING.						
19:00	22:00	3.0	0	0	P/U BHA AND C	RIENT TO	OL FACE. A	ND PU DP, T	AG @ 2290'	•		
22:00	23:00	1.0	0	0	SLIP & CUT DR	ILL LINE.						
23:00	23:30	0.5	0	0	INSTALL ROTAT	TING RUB	BER AND C	ORROSION R	ING.			
23:30	01:00	1.5	2349	2359	DRILL CEMENT	/FLOAT E	QUIP. AND	10' OF NEW I	HOLE TO 23	59'.		
01:00	01:30	0.5	2359	2359	FIT TO 12.2 PPG	EMW.						
01:30	06:00	4.5	2359	2640	ROTATE AND SI GPM 454. 36% S						. ROTARY 62,	MOTOR 74
06:00			0	0	SPUD 7–7/8" HC	DLE @ 1:30	AM, 5/19/12	2				
05-20-2	2012	Repor	ted By		BILL SNAPP							
-	sts: Drilli	_	\$44,43 \$405,8			npletion	\$0 \$0		-	Total	\$44,436 \$405,849	
	sts: Drilli					npletion				Total		22.0
MD	3,94	TV 04		3,870	0	1,300	Days	2	MW	10.2	Visc	32.0
Formati	on : at Repor	4 Timas		PBTD			Perf:			PKR De _l	oth: 0.0	
	-											
Start	End	Hrs	From		Activity Descri	=	I EDOMAC	40) TO 2172	522; DOD 5	2; WOD 20 1	OTADA CA N	IOTOD 74
06:00	16:00	10.0	2640	3172	ROTATE AND SI GPM 454. 27% S						KOTAKY 62, IV.	1010K /4,
16:00	16:30	0.5	3172	3172	SERVICE RIG.							
16:30	06:00	13.5	3172	3940	ROTATE AND SI GPM 454. 27% S						ROTARY 56, M	IOTOR 74,
05-21-2	2012	Repor	ted By		BILL SNAPP							
DailyCo	sts: Drilli	ing	\$37,68	5	Cor	npletion	\$0		Daily	Total	\$37,685	

Sundry Number: 28007 API Well Number: 43047503110000 Well Name: CWU 1431–15D Field: CHAPITA DEEP

Cum Co	osts: Drilli	ing	\$443,5	35	Con	npletion	\$0		Well	Total	\$443,535	
MD	4,91	0 TV]	D	4,840	Progress	970	Days	3	MW	10.3	Visc	34.0
Formati	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time: [RILLIN	G @ 4,9	10'							
Start	End	Hrs	From	То	Activity Descrip	ption						
06:00	17:30	11.5	3940	4481	ROTATE AND SL 67, GPM 418. 12%							55, MOTOR
17:30	18:00	0.5	4481	4481	SERVICE RIG.							
18:00	06:00	12.0	4481	4910	ROTATE AND SL MOTOR 74, GPM				429'. ROP 3	5.75' FPH. W	OB 20/24. ROT	CARY 56,
05-22-2	2012	Reporte	ed By		BILL SNAPP							
DailyCo	sts: Drilli	ng	\$38,64	18	Con	pletion	\$0		Daily	Total	\$38,648	
Cum Co	osts: Drilli	ing	\$482,1	.84	Con	npletion	\$0		Well	Total	\$482,184	
MD	5,87	70 TV]	D	5,800	Progress	960	Days	4	MW	10.4	Visc	35.0
Format	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time: [RILLIN	G @ 587	70'							
Start	End	Hrs	From	То	Activity Descrip	ption						
06:00	17:00	11.0	4910	5327	ROTATE AND SL 2350 PSI, MOTOR							RY 56, SPP
17:00	17:30	0.5	5327	5327	SERVICE RIG.							
17:30	06:00	12.5	5327	5870	ROTATE AND SL 2320 PSI, MOTOR							ARY 56, SPP
05-23-2	2012	Reporte	ed By		BILL SNAPP							
DailyCo	sts: Drilli	ng	\$54,87	'2	Con	npletion	\$0		Daily	Total	\$54,872	
-	osts: Drill	_	\$537,0	056		npletion	\$0		-	Total	\$537,056	
MD	6,79	1 TV]	D	6,721	Progress	921	Days	5	MW	10.5	Visc	35.0
Format	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time: [RILLIN	G @ 679	91'							
Start	End	Hrs	From	То	Activity Descrip	ption						
06:00	16:30	10.5	5870	6295	ROTATE AND SL 2000/2320 PSI, DI 6083'.							
16:30	17:00	0.5	6295	6295	SERVICE RIG.							
17:00	06:00	13.0	6295	6791	ROTATE AND SL SPP 2000/2320 PS					8' FPH. WOB	15/24. ROTAR	RY 50/60,
					2% SLIDE AND 9							
05-24-2	2012	Reporte	ad Rv		BILL SNAPP							
	osts: Drilli	_	\$58,35	50		nletien	\$6,763		Dell-	Total	\$65,113	
-		_	\$58,55 \$595,4			apletion	\$6,763		-		\$602,170	
Cum Co	osts: Drilli	шg	φ393,4	rU /	Con	npletion	Φ0,/03		vveil	Total	φυυ2,1 /U	

Sundry Number: 28007 API Well Number: 43047503110000 Well Name: CWU 1431–15D Field: CHAPITA DEEP

MD	7,50	00 TV	D	7,430	O Progress	709	Days	6	$\mathbf{M}\mathbf{W}$	10.9	Visc	37.0
Formati	ion:			PBTD	: 0.0		Perf:			PKR De _l	oth: 0.0	
Activity	at Repor	t Time: 1	DRILLIN	IG @ 750	00'							
Start	End	Hrs	From	To	Activity Descri	ption						
06:00	17:30	11.5	6791	7136	ROTATE AND SI SPP 2000/2320 PS							Y 50/60,
17:30	18:00	0.5	7136	7136	SERVICE RIG.							
18:00	06:00	12.0	7136	7500	ROTATE AND SI SPP 2000/2350 P							Y 50/60,
					PRICE RIVER @	7283'.						
					LOST 30 BBL M	UD @ 735	5' AND 70 BBL	@ 7463'.				
05-25-2	2012	Report	ed By		BILL SNAPP							
DailyCo	sts: Drilli	ing	\$43,8	44	Cor	npletion	\$0		Dail	y Total	\$43,844	
•	sts: Drilli	Ü	\$639,	251		npletion	\$6,763		•	Total	\$646,015	
MD	8,12	20 TV	D	8,050	Progress	620	Days	7	MW	11.2	Visc	38.0
					_		-					
Formati	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
	ion : at Repor	t Time: 1	DRILLIN				Perf:			PKR De _l	oth: 0.0	
Activity		t Time: 1 Hrs	DRILLIN From	NG @ 812		ption	Perf:			PKR De _l	oth: 0.0	
Activity	at Repor			NG @ 812 To	20'	LIDE DRIL SI, DIFF 10	L FROM 7500' 00/270, MOTOR	R 67, GPM	435. 2% SLI	9.5' FPH. WC)B 15/25. ROTA	
Start	at Repor	Hrs	From	To 7607	Activity Descri ROTATE AND SI SPP 2200/2580 P	LIDE DRIL SI, DIFF 10	L FROM 7500' 00/270, MOTOR	R 67, GPM	435. 2% SLI	9.5' FPH. WC)B 15/25. ROTA	
Activity Start 06:00	at Repor End 11:30	Hrs 5.5	From 7500	To 7607	Activity Descri ROTATE AND SI SPP 2200/2580 P. CONNECTION 6	LIDE DRIL SI, DIFF 10 @ 7511'. RA	L FROM 7500' 10/270, MOTOR AISING MW TO L FROM 7607'	R 67, GPM 4 O 11.2 PPG TO 8120'.	435. 2% SLI 513'. ROP 2	9.5' FPH. WC DE AND 98%	DB 15/25. ROTA ROT. TIGHT	HOLE ON
Activity Start 06:00	at Repor End 11:30 12:00	Hrs 5.5	From 7500 7607	To 7607	Activity Descri ROTATE AND SI SPP 2200/2580 P CONNECTION (SERVICE RIG.	LIDE DRIL SI, DIFF 10 @ 7511'. R. DIDE DRIL	L FROM 7500' 10/270, MOTOR AISING MW TO L FROM 7607'	R 67, GPM 4 O 11.2 PPG TO 8120'.	435. 2% SLI 513'. ROP 2	9.5' FPH. WC DE AND 98%	DB 15/25. ROTA ROT. TIGHT	HOLE ON
Activity Start 06:00 11:30 12:00	at Repor End 11:30 12:00 06:00	Hrs 5.5	From 7500 7607	To 7607	Activity Descri ROTATE AND SI SPP 2200/2580 P. CONNECTION G SERVICE RIG. ROTATE AND SI SPP 2350/2650 P.	LIDE DRIL SI, DIFF 10 @ 7511'. R. DIDE DRIL	L FROM 7500' 10/270, MOTOR AISING MW TO L FROM 7607'	R 67, GPM 4 O 11.2 PPG TO 8120'.	435. 2% SLI 513'. ROP 2	9.5' FPH. WC DE AND 98%	DB 15/25. ROTA ROT. TIGHT	HOLE ON
Activity Start 06:00 11:30 12:00	at Repor End 11:30 12:00 06:00	Hrs 5.5 0.5 18.0	From 7500 7607	To 7607 8120	Activity Descri ROTATE AND SI SPP 2200/2580 P. CONNECTION (C SERVICE RIG. ROTATE AND SI SPP 2350/2650 P. 1% SLIDE AND (D)	LIDE DRIL SI, DIFF 10 @ 7511'. R. DIDE DRIL	L FROM 7500' 10/270, MOTOR AISING MW TO L FROM 7607'	R 67, GPM 4 O 11.2 PPG TO 8120'.	435. 2% SLI 513'. ROP 2 419.	9.5' FPH. WC DE AND 98%	DB 15/25. ROTA ROT. TIGHT	HOLE ON
Activity Start 06:00 11:30 12:00 05-26-2	at Repor End 11:30 12:00 06:00	Hrs 5.5 0.5 18.0 Report	7500 7607 7607	To 7607 7607 8120	Activity Descri ROTATE AND SI SPP 2200/2580 P. CONNECTION OF SERVICE RIG. ROTATE AND SI SPP 2350/2650 P. 1% SLIDE AND OF BILL SNAPP	LIDE DRIL SI, DIFF 10 © 7511'. R. LIDE DRIL SI, DIFF 10	L FROM 7500' 10/270, MOTOR AISING MW TO L FROM 7607' 10/300, MOTOR	R 67, GPM 4 O 11.2 PPG TO 8120'.	435. 2% SLI 513'. ROP 2 419. Dail	9.5' FPH. WC DE AND 98% 8.5' FPH. WC	DB 15/25. ROTA ROT. TIGHT 1 DB 15/25. ROTA	HOLE ON
Activity Start 06:00 11:30 12:00 05-26-2 Daily Co Cum Co	at Repor End 11:30 12:00 06:00 2012 ests: Drilli	Hrs 5.5 0.5 18.0 Report	7500 7607 7607 ed By \$44,8:	To 7607 7607 8120	Activity Descri ROTATE AND SI SPP 2200/2580 P; CONNECTION (6) SERVICE RIG. ROTATE AND SI SPP 2350/2650 P; 1% SLIDE AND (6) BILL SNAPP Con	LIDE DRIL SI, DIFF 10 2 7511'. R. LIDE DRIL SI, DIFF 10 99% ROT.	L FROM 7500' 10/270, MOTOR AISING MW TO L FROM 7607' 100/300, MOTOR	R 67, GPM 4 O 11.2 PPG TO 8120'.	435. 2% SLI 513'. ROP 2 419. Dail	9.5' FPH. WC DE AND 98% 8.5' FPH. WC	DB 15/25. ROTA ROT. TIGHT 1 DB 15/25. ROTA \$44,884	HOLE ON
Activity Start 06:00 11:30 12:00 05-26-2 Daily Co Cum Co MD	at Repor End 11:30 12:00 06:00 2012 ests: Drilli 8,92	Hrs 5.5 0.5 18.0 Reporting	7500 7607 7607 ed By \$44,8:	7607 7607 8120	Activity Descri ROTATE AND SI SPP 2200/2580 P. CONNECTION OF SERVICE RIG. ROTATE AND SI SPP 2350/2650 P. 1% SLIDE AND OF BILL SNAPP Cor Cor Forgress	LIDE DRIL SI, DIFF 10 7511'. R. LIDE DRIL SI, DIFF 10 99% ROT. mpletion mpletion	L FROM 7500' 00/270, MOTOR AISING MW TO L FROM 7607' 100/300, MOTOR \$0 \$6,763	R 67, GPM 4 O 11.2 PPG TO 8120'. R 67, GPM 4	435. 2% SLI 513'. ROP 2 419. Daily Well	9.5' FPH. WC DE AND 98% 8.5' FPH. WC y Total Total	\$15/25. ROTA ROT. TIGHT 1 \$15/25. ROTA \$44,884 \$690,899 Visc	HOLE ON
Activity Start 06:00 11:30 12:00 05-26-2 Daily Co MD Formati	at Repor End 11:30 12:00 06:00 2012 ests: Drilli 8,92	Hrs 5.5 0.5 18.0 Reporting ing 25 TV	7500 7607 7607 red By \$44,8: \$684,	7607 7607 8120 84 136 8,855 PBTD	Activity Descri ROTATE AND SI SPP 2200/2580 P. CONNECTION OF SERVICE RIG. ROTATE AND SI SPP 2350/2650 P. 1% SLIDE AND BILL SNAPP Con Con 5 Progress : 0.0	LIDE DRIL SI, DIFF 10 7511'. R. LIDE DRIL SI, DIFF 10 99% ROT. mpletion mpletion	L FROM 7500' 00/270, MOTOR AISING MW TO L FROM 7607' 00/300, MOTOR \$0 \$6,763 Days	R 67, GPM 4 O 11.2 PPG TO 8120'. R 67, GPM 4	435. 2% SLI 513'. ROP 2 419. Daily Well	9.5' FPH. WC DE AND 98% 8.5' FPH. WC y Total Total	\$15/25. ROTA ROT. TIGHT 1 \$15/25. ROTA \$44,884 \$690,899 Visc	HOLE ON
Start 06:00 11:30 12:00 05-26-2 Daily Co Cum Co MD Formati Activity	End 11:30 12:00 06:00 2012 ests: Drilli 8,92 ion: at Repor	Hrs 5.5 0.5 18.0 Reporting ing 25 TV	7500 7607 7607 7607 7608 844,8 \$684,	7607 7607 8120 84 136 8,855 PBTD GG @ 892	Activity Descri ROTATE AND SI SPP 2200/2580 P. CONNECTION O SERVICE RIG. ROTATE AND SI SPP 2350/2650 P. 1% SLIDE AND O BILL SNAPP Cor Cor 5 Progress : 0.0 25'	LIDE DRIL SI, DIFF 10 7511'. R. LIDE DRIL SI, DIFF 10 99% ROT. npletion 805	L FROM 7500' 00/270, MOTOR AISING MW TO L FROM 7607' 00/300, MOTOR \$0 \$6,763 Days	R 67, GPM 4 O 11.2 PPG TO 8120'. R 67, GPM 4	435. 2% SLI 513'. ROP 2 419. Daily Well	9.5' FPH. WC DE AND 98% 8.5' FPH. WC y Total Total	\$15/25. ROTA ROT. TIGHT 1 \$15/25. ROTA \$44,884 \$690,899 Visc	HOLE ON
Activity Start 06:00 11:30 12:00 05-26-2 Daily Co Cum Co MD Formati Activity	at Repor End 11:30 12:00 06:00 2012 ests: Drilli ests: Drilli 8,92	Hrs 5.5 0.5 18.0 Reporting ing 25 TV	7500 7607 7607 red By \$44,8: \$684,	7607 7607 8120 84 136 8,855 PBTD GG @ 892	Activity Descri ROTATE AND SI SPP 2200/2580 P. CONNECTION OF SERVICE RIG. ROTATE AND SI SPP 2350/2650 P. 1% SLIDE AND BILL SNAPP Con Con 5 Progress : 0.0	LIDE DRILL SI, DIFF 10 7511'. R. LIDE DRILL SI, DIFF 10 99% ROT. mpletion 805 ption LIDE DRILL	L FROM 7500' 10/270, MOTOR AISING MW TO L FROM 7607' 10/300, MOTOR \$0 \$6,763 Days Perf: L FROM 8120'	R 67, GPM 6 D 11.2 PPG TO 8120'. R 67, GPM 6	435. 2% SLI . 513'. ROP 2 419. Daily Well MW	9.5' FPH. WC DE AND 98% 8.5' FPH. WC y Total 11.6 PKR Dep 8.4' FPH. WC	\$44,884 \$690,899 Visc oth: 0.0	37.0
Activity Start 06:00 11:30 12:00 05-26-2 Daily Co MD Formati Activity Start	eat Repor End 11:30 12:00 06:00 2012 ests: Drilli 8,92 eion: at Repor End	Hrs 5.5 0.5 18.0 Reporting ing t Time: 1 Hrs	7500 7607 7607 7607 red By \$44,83 \$684, D DRILLIN From	7607 7607 8120 84 136 8,855 PBTD GG @ 892	Activity Descri ROTATE AND SI SPP 2200/2580 P. CONNECTION OF SERVICE RIG. ROTATE AND SI SPP 2350/2650 P. 1% SLIDE AND OF BILL SNAPP Con Con 5 Progress : 0.0 25' Activity Descri ROTATE AND SI	LIDE DRILL SI, DIFF 10 7511'. R. LIDE DRILL SI, DIFF 10 99% ROT. mpletion 805 ption LIDE DRILL SI, DIFF 10	L FROM 7500' 00/270, MOTOR AISING MW TO L FROM 7607' 00/300, MOTOR \$0 \$6,763 Days Perf: L FROM 8120' 00/300, MOTOR	R 67, GPM 6 D 11.2 PPG TO 8120'. R 67, GPM 6	435. 2% SLI . 513'. ROP 2 419. Daily Well MW	9.5' FPH. WC DE AND 98% 8.5' FPH. WC y Total 11.6 PKR Dep 8.4' FPH. WC	\$44,884 \$690,899 Visc oth: 0.0	37.0
Activity Start 06:00 11:30 12:00 05-26-2 Daily Co MD Formati Activity Start	eat Repor End 11:30 12:00 06:00 2012 ests: Drilli 8,92 eion: at Repor End	Hrs 5.5 0.5 18.0 Reporting ing t Time: 1 Hrs	7500 7607 7607 7607 red By \$44,83 \$684, D DRILLIN From	RG @ 812 To 7607 7607 8120 84 136 8,855 PBTD RG @ 892 To 8485	Activity Descri ROTATE AND SI SPP 2200/2580 P. CONNECTION OF SERVICE RIG. ROTATE AND SI SPP 2350/2650 P. 1% SLIDE AND OF BILL SNAPP Cor Cor 5 Progress : 0.0 25' Activity Descri ROTATE AND SI SPP 2350/2650 P.	LIDE DRIL SI, DIFF 10 7511'. R. LIDE DRIL SI, DIFF 10 99% ROT. mpletion 805 ption LIDE DRIL SI, DIFF 10	L FROM 7500' 10/270, MOTOR AISING MW TO L FROM 7607' 10/300, MOTOR \$0 \$6,763 Days Perf: L FROM 8120' 10/300, MOTOR 8132'.	R 67, GPM 6 D 11.2 PPG TO 8120'. R 67, GPM 6	435. 2% SLI . 513'. ROP 2 419. Daily Well MW	9.5' FPH. WC DE AND 98% 8.5' FPH. WC y Total 11.6 PKR Dep 8.4' FPH. WC	\$44,884 \$690,899 Visc oth: 0.0	37.0

16:00	06:00	14.0	8485	8925	ROTATE AND SL SPP 2350/2650 PS THROUGH GAS PPG MUD WT TE LASTING 5 MIN	SI, DIFF 10 BUSTER HEN DYIN	00/300, MOTOF @ 8517', 10' TO G OUT. RAISF	R 67, GPM D 12' FLA E MUD WI	401. 0% SLI RE ON CON TTO 11.6 PF	IDE AND 100 NN. GAS @ 85	% ROT. PUT R 47' FOR 15 M	ETURNS IN. W/11.4
					LOWER PRICE R							
05-27-2	2012	Report	ed By		BILL SNAPP							
DailyCo	sts: Drilli	ng	\$45,0	79	Con	pletion	\$0		Dail	y Total	\$45,079	
-	sts: Drilli	_	\$729,2	215		pletion	\$6,763			l Total	\$735,978	
MD	9,62	0 TV	D	9,550	Progress	695	Days	9	MW	12.0	Visc	38.0
Formati	on:			PBTD	_		Perf :			PKR De	oth: 0.0	
Activity	at Repor	t Time: I	ORILLIN	IG @ 962	20'							
Start	End	Hrs	From	То	Activity Descrip	otion						
06:00	16:00	10.0	8925	9296	ROTATE AND SL SPP 2350/2650 PS							
					MUD WT 11.9 PF							
1.5.00	1.500	0.7	0005	0005	LOST 65 BBLS @	9280'						
16:00	16:30	0.5	9296	9296	SERVICE RIG.							
16:30	06:00	13.5	9296	9620	ROTATE AND SL SPP 2350/2650 PS							Y 50/65,
					SEGO @ 9514'							
					LOST 60 BBL MU	JD @ 947:	5'.					
					NO FLARE.							
					MUD WT 12 PPG	i.						
)5–28–2	2012	Report	ed By		BILL SNAPP							
-	sts: Drilli sts: Drilli	_	\$58,25 \$787,4			npletion npletion	\$0 \$6,763			y Total l Total	\$58,258 \$794,237	
MD	9,71	_	D	9,64		96	Days	10	MW	12.2	Visc	38.0
Formati	on:			PBTD	o .		Perf:			PKR De		
Activity	at Repor	t Time: I	LD DP							•	<u>.</u>	
Start	End		From	То	Activity Descrip	otion						
06:00	07:30	1.5	9620		ROTATE AND SL 2350/2650 PSI, DI	IDE DRIL						
07:30	08:00	0.5	9655	9655	CHECK FLOW, P	UMP SLU	G.					
08:00	14:00	6.0	9655	9655	TRIP OUT TO LE PIPE SPINNERS.						G @ 40/42 FT/N	ИN. USIN
	15:00	1.0	9655	9655	LD DIRECTIONA	AL BHA &	PU BITSUB A	ND BIT#4				
14:00		0.5	9655	9655	SERVICE RIG.							
14:00 15:00	15:30	0.0										

20:30	21:30	1.0	9655	9655	W/R FROM 9600' WITH BOTTOMS '0 MIN. WITH 12	UP, LAST	TING 10 MIN. T	HEN TAP	ERING TO	INTERMITTE	ENT 5' TO 10' L	
21:30	01:30	4.0	9655	9716	DRILL FROM 96: 419. NO FLARE. N						70, SPP 2050 PS	SI, GPM
01:30	03:00	1.5	9716	9716	CIRCULATE 1 1/2 PUMP TO 279 GP				Γ 40 BBL M	UD PUMPIN	G 401 GPM, SL	.OWED
03:00	03:30	0.5	9716	9716	CHECK FLOW, D	ROP SUR	VEY AND PUM	P 60 BBL	14.2 PPG S	LUG.		
03:30	04:00	0.5	9716	9716	LAY DOWN DRIL	LL PIPE, P	ULLING @ 38	ΓΟ 40 FT/	MIN. USIN	G PIPE SPINI	NERS.	
04:00	05:00	1.0	9716	9716	HOLE NOT FILLI HOLDING @ 175					IRC, AND SP	OT LCM. FORM	MATION
05:00	06:00	1.0	9716	9716	LAY DOWN DRIL CIRCULATING O			ΓΟ 40 FT	MIN. USIN	G PIPE SPINI	NERS. HOLE	
05-29-2	2012	Report	ted By		BILL SNAPP							
DailyCo	sts: Drilli	=	\$27,59	8	Com	pletion	\$169,462		Dails	y Total	\$197,061	
-	sts: Drilli	_	\$815.0			pletion	\$176,225		•	Total	\$991,298	
MD	9,71	Ü		9,64		0	Days	11	MW	12.2	Visc	38.0
Formati	*	0 1 v		9,04 PBTD	8	U	Perf :	11	101 00	PKR De		36.0
	at Report	Time					1011.			I KK Dej	Juli . 0.0	
-	_					.4						
Start	End 14:30	Hrs	From 9716		Activity Descrip		ND DILA DIC C	TIDVEN	1.5 @ 0005	,		
06:00		8.5			LAY DOWN DRIL		ND BHA. KIG S	OUKVEI	1.5 @ 9085	•		
14:30	15:00	0.5			PULL WEAR BUS		an a lanta a					
15:00	16:00	1.0	9716	9/16	PJSM/RIG UP WE	ATHERFO	ORD CASING C	REW.				
16:00	22:30	6.5	9716	9716	RUN TOTAL OF 2 JOINTS 11.6#, P-CASING, MARKE ABOVE WASATC #2 & #3) + 1 BOW ABOVE WASATC LAND CASING W PROBLEMS.	110, LTC) ER JOINT H, 104 JTS CENTRA H (TOTAL	AS FOLLOWS: @ TOP OF PRICES CASING. RAN LIZER ON 4TH L OF 42). TAG B	FLOAT S CE RIVER N 3 TURB I JOINT T OTTOM,	HOE, 1 JT C R, 68 JTS CA ILIZERS (5' HEN EVER LAY DOWN	CASING, FLO SING, MARI ABOVE SHO Y 3RD JOINT N TAG JOINT	AT COLLAR, 5 KER JOINT @ 4 DE AND MIDDI THEREAFTEI PICK UP MA	56 JTS OF 400' LE OF JTS R TO 400' NDREL &
					CASING LANDEI				S SHOWN A	ARE TOPS OF	,	
					COMPONENTS U			ATED):				
					FLOAT SHOE (BC	, , ,	9702'					
					FLOAT COLLAR:							
					MARKER JOINT:	7281'						
					MARKER JOINT:	4404'						
22:30	23:30	1.0			CIRCULATE CAS	,						
23:30	02:00	2.5	9716	9716	PJSM, TEST LINE WATER W 0.5 GP 0.3% VERSASET, 125 LBM POLY-E GPT MYACIDE. I 2550 PSI. BUMPE HELD, 2 BBLS BA	T XCIDE. 0.5% HR- E-FLAKE DISPLACE ED PLUG	PUMP 515 SKS -5 OF LEAD CE OF TAIL CEME ED @ 8 BBLS M & PRESSURED	S (147 BB EMENT. 1 ENT. DIS IIN. SLO UP TO 3:	LS) OF 12.5 400 SKS (36 PLACED W WED TO 2 1 510#, BLEE	#, 1.61 YIELI 66 BBLS) OF 7/150 BBLS O BBLS MIN W D OFF & CHE	O W/6% BENTO 13.5#, 1.47 YIE F FRESH WATI /140 BBLS GO ECK FLOAT, F	ONITE, ELD W/0. ER W/.5 NE. FCP

Sundry Number: 28007 API Well Number: 43047503110000 Well Name: CWU 1431–15D Field: CHAPITA DEEP

02:00	03:00	1.0	9716	9716 PRE	SSURE BACI	K TO 1000	PSI AND HOLI	D 1 HR.				
03:00	04:00	1.0	9716	9716 SET	PACK OFF &	t TEST TO	5000# FOR 15	MIN.				
04:00	05:00	1.0	9716	9716 NIPI	PLE DOWN E	BOP.						
05:00	06:00	1.0	9716	9716 CLE	AN MUD TA	NKS. RDI	RT.					
				DIES	SEL TRANSF	ERRED T	O CWU 1426–1	5D 4928 (GALS @ 3.79	59 PER GAL	LON. TOTAL \$1	18,524.35.
06:00			0	0 REL	EASE RIG O	N 5/29/201	2 AT 6:00 AM.					
				CAS	ING POINT (COST \$815	5,073					
06-27-2	2012	Reporte	ed By	SEA	RLE							
DailyCo	sts: Drillii	ng	\$0		Con	pletion	\$15,000		Daily	Total	\$15,000	
Cum Co	sts: Drilli	ng	\$815,0	73	Con	pletion	\$191,225		Well	Total	\$1,006,298	
MD	9,710	6 TVI)	9,645	Progress	0	Days	12	MW	0.0	Visc	0.0
Formati	on:]	PBTD : 963	8.0		Perf:			PKR De _l	oth: 0.0	
Activity	at Report	Time:										
Start	End	Hrs	From '	To Acti	vity Descrip	otion						
06:00			0		U CUTTERS 340'. RDWL.	WIRELIN	E. LOG WITH (CBL/CCL	VDL/GR FR	OM 9637' TO	50'. EST CEMI	ENT TOP
07-11-2	2012	Reporte	ed By	MCC	CURDY							
DailyCo	sts: Drilli	ng	\$0		Con	pletion	\$420		Daily	Total	\$420	
	sts: Drilli		\$815,0	73	Con	pletion	\$191,645		Well		\$1,006,718	
MD	9,710	6 TVI)	9,645	Progress	0	Days	13	MW	0.0	Visc	0.0
Formati	on: MESA	VERDE]	PBTD : 963	8.0		Perf : 9062'-	-9338'		PKR Dej	oth: 0.0	
Activity	at Report	Time: F	RAC									
Start	End	Hrs	From '	To Acti	vity Descrip	otion						
06:00	06:00	24.0	0	WIR 9286 SPF SCA	ELINE & MI 3'–87', 9274'- & 120 DEGR	RU HALL -75', 9165' EE PHASI DR PLUS 5	IBURTON. PER –66', 9148'–49' NG. RDWL. RI	FORATE ', 9116'–1 U WIDE S	D LPR FROM 7', 9103'–04' PREAD PUM	I 9337'–38', ', 9096'–97', MP 110 GAL	MIRU CUTTERS 9327'–28', 9320' 9075'–76', 9062 OF NALCO EC O 6106, PLUS 5	?-21', 2'-63'@ 3 6707
07-12-2	2012	Reporte	ed By	MCC	CURDY							
DailyCo	sts: Drilli	ng	\$0		Con	pletion	\$845		Daily	Total	\$845	
Cum Co	sts: Drilli	ng	\$815,0	73	Con	pletion	\$192,490		Well	Total	\$1,007,563	
MD	9,710	6 TVI)	9,645	Progress	0	Days	14	MW	0.0	Visc	0.0
Formati	on: MESA	VERDE	1	PBTD : 963	8.0		Perf: 8433'-	-9338'		PKR De _l	oth: 0.0	
Activity	at Report	Time: P	ERF & F	RAC STAGE	#4							
Start	End	Hrs	From	To Acti	vity Descrip	otion						
06:00	06:00	24.0	0	0 STA	GE #1.							
	00.00			PAD W/12	, 3235 GAL 1	6# LINEA SAND @ :	R W/9600# 20/4 2–5 PPG. MTP :	0 SAND	@ 1-1.5 PPG	, 35260 GAL	T), 551 GAL 164 16# DELTA 200 59 PSIG. ATR 47	
	00100			PAD W/12 ISIP	, 3235 GAL 1 20400# 20/40	6# LINEA SAND @ :	R W/9600# 20/4 2–5 PPG. MTP :	0 SAND	@ 1-1.5 PPG	, 35260 GAL	16# DELTA 200	

Well Name: CWU 1431–15D Field: CHAPITA DEEP Property: 064670

RUWL. SET 10K CFP AT 9039'. PERFORATE LPR FROM 9012'-13', 9000'-01', 8988'-89', 8979'-80', 8948'-49', 8934'-35', 8907'-08', 8883'-84', 8874'-75', 8856'-57', 8772'-73', 8744'-45' @ 3 SPF & 120 DEGREE PHASING. RDWL. . RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT). 1587 GAL 16# LINEAR PAD, 6649 GAL 16# LINEAR W/8800# 20/40 SAND @ 1-1.5 PPG, 52764 GAL 16# DELTA 200 W/179300# 20/40 SAND @ 2-5 PPG. MTP 6255 PSIG. MTR 50.1 BPM. ATP 5280 PSIG. ATR 49 BPM. ISIP 3446 PSIG. RD HALLIBURTON.

STAGE #3.

RUWL. SET 10K CFP AT 8718'. PERFORATE MPR FROM 8685'-86', 8651'-52', 8638'-39', 8588'-89', 8568'-69', 8550'-51', 8509'-10', 8486'-87', 8474'-75', 8460'-61', 8444'-45', 8433'-34'@ 3 SPF & 120 DEGREE PHASING. RDWL. . RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 1717 GAL 16# LINEAR PAD, 7397 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 51074 GAL 16# DELTA 200 W/182200# 20/40 SAND @ 2-5 PPG. MTP 6326 PSIG. MTR 50.3 BPM. ATP 5447 PSIG. ATR 37.4 BPM. ISIP 3362 PSIG. RD HALLIBURTON. SDFN.

07-13-2012	Repo	rted By	Mo	CCURDY							
DailyCosts: Dr	illing	\$0		Com	pletion	\$845		Daily	Total	\$845	
Cum Costs: Dr	illing	\$815,07	3	Com	pletion	\$193,335		Well	Fotal	\$1,008,408	
MD 9	,716 T	VD	9,645	Progress	0	Days	15	MW	0.0	Visc	0.0
Formation : M	ESAVERD!	Е Р	PBTD : 96	538.0		Perf : 7578'-	9338'		PKR Der	oth: 0.0	

Activity at Report Time: FRAC STAGE #7

Start	End	Hrs	From To	Activity Description
06:00	06:00	24.0	0	0 STAGE #4. RUWL. SE

0 STAGE #4. RUWL. SET 10K CFP AT 8412'. PERFORATE MPR FROM 8383'-84', 8374'-75', 8356'-57', 8340'-41', 8334'-35', 8326'-27', 8304'-05', 8272'-73', 8260'-61', 8203'-04', 8190'-91', 8166'-67' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 314 GAL 16# LINEAR PAD, 7650 GAL 16# LINEAR W/9800# 20/40 SAND @ 1-1.5 PPG, 49759 GAL 16# DELTA 200 W/172100# 20/40 SAND @ 2-5 PPG. MTP 5576 PSIG. MTR 50.2 BPM. ATP 3804 PSIG. ATR 45.5 BPM. ISIP 2680 PSIG. RD HALLIBURTON.

STAGE #5. RUWL. SET 10K CFP AT 8122'. PERFORATE MPR FROM 8078'-79', 8055'-56', 8044'-45', 7978'-79', 7967'-68', 7930'-31', 7922'-23', 7911'-12', 7856'-57', 7839'-40', 7832'-33', 7800'-01' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 1700 GAL 16# LINEAR PAD, 48715GAL 16# DELTA 200 W/144600# 20/40 SAND @ 1-5 PPG. MTP 6405 PSIG. MTR 48.7 BPM. ATP 5022 PSIG. ATR 33.4 BPM. ISIP 2670 PSIG. RD HALLIBURTON.

STAGE #6. RUWL. SET 10K CFP AT 7750'. PERFORATE UPR FROM 7717'-18', 7708'-09', 7689'-90', 7680'-81', 7665'-66', 7660'-61', 7653'-54', 7647'-48', 7623'-24', 7609'-10', 7588'-89', 7578'-79' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE PUMP 110 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 1841 GAL 16# LINEAR PAD, 7568 GAL 16# LINEAR W/9700# 20/40 SAND @ 1-1.5 PPG, 23233 GAL 16# DELTA 200 W/67700# 20/40 SAND @ 2-5 PPG. MTP 6511 PSIG. MTR 50.1 BPM. ATP 4677 PSIG. ATR 40 BPM. ISIP 2662 PSIG. RD HALLIBURTON. SDFN.

07-14-2012	Re	ported By	M	ICCURDY							
DailyCosts: D	Prilling	\$0		Comp	oletion	\$31,147		Daily	Total	\$31,147	
Cum Costs: I	Orilling	\$815,07	3	Comp	oletion	\$224,483		Well T	Fotal	\$1,039,556	
MD	9,716	TVD	9,645	Progress	0	Days	16	MW	0.0	Visc	0.0
					Pa	ge 13					

Sundry Number: 28007 API Well Number: 43047503110000 Well Name: CWU 1431–15D Field: CHAPITA DEEP

Formation : MES.	WEDDE		PRTD	: 9638.0		Perf : 7359'-	0338,		PKR Dep	ath • 0.0	
Activity at Repor					ПТ	1011. 7339	-9336		I KK DC	7tii . 0.0	
Start End		From									
06:00 06:00	24.0	0		Activity Descri	=	DIIWI SET 1	OK CED V	Г <i>75//</i> /, DEDI	EOD ATE LIDI	D EDOM 7515'	16'
00.00	24.0	v		7494'-95', 7485' 7368'-67', 7359' OF NALCO EC 6 6106, PLUS 5 BE KW31 @ 2GPT), PPG, 40595 GAL ATP 3489 PSIG.	-86', 7473' -60' @ 3 SF 707 SCALE LS FRESH 275 GAL 1 16# DELTA	–74', 7466'–67 PF & 120 DEGR E INHIBITOR F WATER. FRAI 6# LINEAR PA A 200 W/138900	', 7453'–5 REE PHAS PLUS 5 BE C LPR DC D, 7397 C D# 20/40 S	4', 7440'–41' ING. RDWL. BLS FRESH W WN CASING GAL 16# LINI AND @ 2–5 I	, 7428'–29', RU WIDE SI /ATER . PUN W/15 GAL . EAR W/9500 PPG. MTP 50	7414'-15', 7405 PREAD PUMP MP 55 GAL OF N BIOCIDE (BAC # 20/40 SAND (5'-06', 110 GAL NALCO KTRON @ 1-1.5
				RUWL. SET 10K HALLIBURTON			LL TO 0 F	PSIG. RDMO	CUTTERS W	VIRELINE &	
07-20-2012	Report	ted By		BASTIAN / HOC	LEY						
DailyCosts: Drilli	ing	\$0		Cor	npletion	\$36,125		Daily	Total	\$36,125	
Cum Costs: Drill	ing	\$815,	073	Cor	npletion	\$260,608		Well	Fotal	\$1,075,681	
MD 9,71	16 TV	D	9,64	5 Progress	0	Days	17	MW	0.0	Visc	0.0
Formation: MES	AVERDE		PBTD	: 9638.0		Perf : 7359'-	-9338'		PKR Dep	oth: 0.0	
Activity at Repor	t Time: 1	POST FI	RAC CLE	EAN OUT. PREP T	O LAND T	BG.					
Start End	Hrs	From	To	Activity Descri	ption						
06:00 06:00	24.0	0	0	CONT 24 HR OF 7/8" HURRICAN CLEANED OUT	E BIT TO	CBP. PRESSUR	E TESTEI	FLOW LIN	ES & PIPE R	AMS TO 2500 F	PSIG.
07-21-2012	Report	ted By		BASTIAN / HOC	LEY						
DailyCosts: Drilli	ing	\$0		Cor	npletion	\$7,359		Daily	Total	\$7,359	
Cum Costs: Drill	ing	\$815,	073	Cor	npletion	\$267,967		Well	Fotal	\$1,083,040	
MD 9,71	16 TV	D	9,64	5 Progress	0	Days	18	MW	0.0	Visc	0.0
Formation: MES.	AVERDE		PBTD	: 9638.0		Perf : 7359'-	-9338'		PKR Dep	oth: 0.0	
Activity at Repor	t Time: 1	FINISH	DRLLIN	G PLUGS, CLEAN	OUT TO I	PBTD, LAND T	BG, RDS	J			
Start End	Hrs	From	To	Activity Descri	ption						
06:00 06:00	24.0	0	0	CONTINUED 24 @ 9405'. CIRCU RD POWELL RI	LATED CL	EAN. LANDED					
				TGB DETAIL		LI	ENGTHS				
				POBS 1.00							
				1 JT 2-3/8" 4.7#	L-80 33.0	4					
				X N NIPPLE 1.	30						
				141 JTS 2-3/8" 4	.7# L-80	7950.19					
				BELOW KB 19	00						
				LANDED @ 80	04.53' KB						
07-24-2012	Report	ted By		SEARLE							
DailyCosts: Drilli	ing	\$0		Cor	npletion	\$1,609		Daily	Total	\$1,609	
Cum Costs: Drill	ing	\$815,	073	Cor	npletion	\$269,576		Well	Fotal	\$1,084,649	

Sundry Number: 28007 API Well Number: 43047503110000 Well Name: CWU 1431–15D Field: CHAPITA DEEP

MD	9,71	6 TV	' D	9,64	5 Progress	0	Days	19	MW	0.0	Visc	0.0
Formati	on: MESA	AVERDE		PBTD	: 9638.0		Perf: 735	59'–9338'		PKR Dep	oth: 0.0	
Activity	at Report	t Time:	FLOW T	EST								
Start	End	Hrs	From	To	Activity Descrip	tion						
06:00	06:00	24.0	0	0	RU TEST UNIT. F CP 2650 PSIG. 48							TP 1700 PSIG,
06:00			0	0	INITIAL PRODUC 1134 MCFD ON 24 EOG METER #75.	4/64" CK		•			*	

Form 3160-4 (August 2007) UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

DIV_OFOIL GAS & MANING

	WELL (COMPL	ETION C	RRECO	MPLE	TION F	REPORT	r and L	OG VIII			ase Serial No. TU0283A	
la. Type of	f Well Completion	Oil Well	Gas Vilew Well	Well 🔲	•	Other Deepen	□ Þh	ıg Back	☐ Diff. l	Decre	6. If	Indian, Allottee	or Tribe Name
		Othe		- WOIR C			, , , , , , , , , , , , , , , , , , ,	ig Dack	וועם ט	Cesvi.	7. U	nit or CA Agree	ment Name and No.
	EŜOURCES						LLE ROB @EOGRE	LES SOURCE	s.com	4		ase Name and V WU 1431-15D	
	600 17TH DENVER,	CO 802	202			P	h: 307-27		area code)	9. A	PI Well No.	43-047-50311
	of Well (Re	port locati	ion clearly an	d in accorda	ance with	Federal re	quirement	s)*				ield and Pool, o ATURAL BUT	
At surfa			1836FEL 4		•						11. S	ec., T., R., M.,	or Block and Survey T9S R22E Mer SLB
	rod interval r	9	l .									County or Parish	
At total 14. Date Sp		SE 1368	FSL 2018FI	EL 40.0324 ite T.D. Rea		t, 109.42:			<u> </u>	421A1		INTÁH	UT
03/11/2	012			/28/2012	iched		DD 8	te Complete & A 🔯 23/2012	d Ready to l	Prod.	17.1	Elevations (DF, 1 4840 G	
18. Total D		MD TVD	9716 9645		. Plug Ba		MD TVD	963 QF)		20. Dep	oth Bri	Ige Plug Set:	MD TVD
21. Type El CBL/C	lectric & Oth CL/VDL/GR	er Mecha	nical Logs R	ın (Submit	copy of e	ach)				well core DST run? ctional Su		M No D Y	es (Submit analysis) es (Submit analysis) es (Submit analysis)
23. Casing an	d Liner Reco	ord (Repo	ort all strings	set in well)					Dife	Juonai Su	ivey:		es (Submit analysis)
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD)	Botto (MI		e Cemente Depth		f Sks. & f Cement	Slurry (BB		Cement Top*	Amount Pulled
12.250		25 K-55	36.0			2339			70	0			0
7.875	4.5	00 N-80	11.6		9	702		<u> </u>	191	5		234	.0
					 	-+-				+		 	<u> </u>
								1		1.			
04 77 1:									٠				
24. Tubing Size	Depth Set (M	(D) T n	a alson Donath	(10)		David Gu	(2.00)	D 1 D	.1.0.00	1 a	1 -		
2.375		8005	acker Depth	(MID)	Size	Depth Set	(MD)	Packer Dep	ith (MD)	Size	I De	epth Set (MD)	Packer Depth (MD)
25. Producii				· · · · · · · · · · · · · · · · · · ·		26. Perf	oration Rec	cord	· · · · · · ·			_	
	ormation		Тор		ottom		Perforate	d Interval		Size]	No. Holes	Perf. Status
A)	MESAVE	RDE		7359	9338	<u> </u>		9062 T				36 OF	· · · · · · · · · · · · · · · · · · ·
B) C)					· · · · · · · · · · · · · · · · · · ·			8744 TO			+	36 OF	
D)	···							8433 TO 8166 TO				36 OF	
27. Acid, Fr	acture, Treat	ment, Cer	ment Squeeze	, Etc.					<u> </u>				
	Depth Interva							Amount and	Type of	Material			
		62 TO 9	338 934 BE 013 1,457 BI	BLS GELLE								 	
· · · · · · · · · · · · · · · · · · ·			686 1,437 B		_								·
			384 1,379 B										
	ion - Interval				<u> </u>								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL		Gravity r. API	Gas Grav	ty	Product	ion Method	
07/23/2012	08/01/2012	24		24.0	1192.		6.0	1				FLOWS F	ROM WELL
Choke Size		Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Rati	:Oil io	Well	Status			
24/64	SI Interno	1000.0		24	1192	5	36			PGW	,		
Date First	tion - Interva	Hours	Test	Oil	Gas	Water	Toil	Gravity	Gas		Product	ion Method	
Produced	Date	Tested	Production	BBL	MCF	BBL		r. API	Grav	ity			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Rati	:Oil io	Well	Status			

Press. C. Press. Procus Zo ortant zon gedepth in	ours ested sg. ress. d, used for nes (Incl es of por	Test Production 24 Hr. Rate Production 24 Hr. Rate 4 Hr. Rate	Oil BBL Oil BBL Oil BBL Oil BBL	Gas MCF Gas MCF Gas MCF	Water BBL Water BBL Water BBL	Oil Gravity Corr. API Gas:Oil Ratio Oil Gravity Corr. API	Gas Grav Well Gas Grav	Status	Production Method Production Method	
Press. C. Pr. Fress. C. Pr. Pr. Fress. C. Pr. Pr. Pr. S. Coortant zon	ours ested Seg. ress. d, used for nes (Includes of por	Test Production 24 Hr. Rate 24 Hr. Rate 27 Fuel, vente	Oil BBL Oil BBL Oil BBL	Gas MCF Gas MCF	Water BBL Water BBL	Gas:Oil Ratio	Well	Status	Production Method	
Press. Conference of Gas (Sold Perous Zoo ortant zon gegeth in	O ours ested sg. ress. d, used for nes (Incl	Test Production 24 Hr. Rate or fuel, vente	Oil BBL Oil BBL	MCF Gas MCF Gas	BBL Water BBL	Ratio Oil Gravity	Gas		Production Method	
Interval I Press. C. Pr f Gas(Solo Porous Zo ortant zon g depth ir	O ours ested seg. ess. d, used for nes (Includes of por	Test Production 24 Hr. Rate or fuel, vente	Oil BBL Oil BBL	Gas MCF Gas	Water BBL	Oil Gravity			Production Method	
Porous Zo ortant zon ag depth ir	ours ested sg. ress. d, used for nes (Incl es of por	Production 24 Hr. Rate or fuel, vente	Oil BBL	MCF Gas	BBL				Production Method	
Porous Zo ortant zon ag depth ir	ours ested sg. ress. d, used for nes (Incl es of por	Production 24 Hr. Rate or fuel, vente	Oil BBL	MCF Gas	BBL				Production Method	
Press. C. Pr f Gas (Sold Porous Zo ortant zon ng depth ir	sg. d, used for nes (Incl	24 Hr. Rate	Oil BBL	MCF Gas	BBL					
f Gas(Sold Porous Zo ortant zon ng depth in	nes (Incles of por	Rate or fuel, vente	BBL		Water	4.0.0		ity		
Porous Zo ortant zon	nes (Incl		ed, etc.)		BBL	Gas:Oil Ratio	Well	Status		
ortant zon ig depth ir	es of por	ude Aquifer				<u> </u>	<u> </u>			
ig depth ir	es of por		rs):					31. For	mation (Log) Markers	
s.	iterval te	rosity and co sted, cushio	ontents there n used, time	of: Cored tool open	intervals and , flowing and	l all drill-stem d shut-in pressure	es			
tion		Тор	Bottom		Descripti	ons, Contents, et	c.		Name	Top Meas, Depth
		7359	9338					GR	EEN RIVER	1435
·								BIF MA UT WA CH BU	RDS NEST HOGANY ELAND BUTTE ASATCH APITA WELLS CK CANYON	1806 2411 4742 4871 5475 6162 7357
the attach	ned Add	gging proce itional Rem	dure): narks page						·	
Mechanic	al Logs (`	. /	•	_	•			port 4. Direction	nal Survey
fy that the	foregoir	ng and attac	hed informa	tion is con	plete and co	orrect as determin	ned from a	ll available	e records (see attached instructi	ons):
		Electr	onic Submi Fo	ission #161 r EOG RI	1258 Verifie ESOURCES	ed by the BLM V S, INC., sent to	Well Infor the Verna	mation Sy l	stem.	
print) MI	CHELLI	E ROBLES	<u> </u>			Title !	LEAD RE	GULATO	RY ASSISTANT	
(E	lectronic	: Submissi	on)	lich	.))	Date:	11/28/201	2	W-11-2	· · · · · · · · · · · · · · · · · · ·
	ed attachm Mechanic otice for p fy that the	marks (include pluthe attached Add ed attachments: Mechanical Logs (otice for plugging a fy that the foregoin print) MICHELL (Electronic	marks (include plugging procethe attached Additional Ren ed attached Additional Ren ed attachments: Mechanical Logs (1 full set re otice for plugging and cement fy that the foregoing and attac Electr print) MICHELLE ROBLES (Electronic Submissional Company) (Electronic Submissional Company) (Electronic Submissional Company) (Electronic Submissional Company)	marks (include plugging procedure): the attached Additional Remarks page ed attachments: Mechanical Logs (1 full set req'd.) trice for plugging and cement verification fy that the foregoing and attached informa Electronic Submi Fo print) MICHELLE ROBLES (Electronic Submission)	marks (include plugging procedure): the attached Additional Remarks page. ed attachments: Mechanical Logs (1 full set req'd.) trice for plugging and cement verification fy that the foregoing and attached information is con Electronic Submission #16 For EOG RI Print) MICHELLE ROBLES (Electronic Submission)	marks (include plugging procedure): the attached Additional Remarks page. ed attachments: Mechanical Logs (I full set req'd.) price for plugging and cement verification fy that the foregoing and attached information is complete and comp	marks (include plugging procedure): the attachments: Mechanical Logs (I full set req'd.) Ditice for plugging and cement verification Electronic Submission #161258 Verified by the BLM V For EOG RESOURCES, INC., sent to Print) MICHELLE ROBLES Title (Electronic Submission) Date (Electronic Submission) Date	marks (include plugging procedure): the attached Additional Remarks page. ed attachments: Mechanical Logs (1 full set req'd.) Dice for plugging and cement verification fy that the foregoing and attached information is complete and correct as determined from a Electronic Submission #161258 Verified by the BLM Well Infor For EOG RESOURCES, INC., sent to the Verna print) MICHELLE ROBLES Title LEAD RE (Electronic Submission) Date 11/28/201	marks (include plugging procedure): the attachments: Mechanical Logs (I full set red'd.) Strice for plugging and cement verification Strice for plugging and ement verification Strice for plugging and attached information is complete and correct as determined from all available Electronic Submission #161258 Verified by the BLM Well Information Sy For EOG RESOURCES, INC., sent to the Vernal Print) MICHELLE ROBLES Title LEAD REGULATO (Electronic Submission) Date 11/28/2012	Title LEAD REGULATORY ASSISTANT GREEN RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA W

CHAPITA WELLS UNIT 1431-15D- ADDITIONAL REMARKS:

26. PERFORATION RECORD

7800-8079	36	OPEN
7578-7718	36	OPEN
7359-7516	36	OPEN

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

7800-8079	1,205 BBLS GELLED WATER & 144,600# 20/40 SAND
7578-7718	782 BBLS GELLED WATER & 77,400# 20/40 SAND
7359-7516	1,154 BBLS GELLED WATER & 148,400# 20/40 SAND

32. FORMATION (LOG) MARKERS

Middle Price River	8199
Lower Price River	9010
Sego	9540



Survey Certification Sheet

Company: EOG Resources

API # 43-047-50311

Well Name: Chapita Well Unit #1431-15D

SURFACE LOCATION Uintah County, Utah Sec. 15-T9S-R22E

661' From South Line, 1836' From East Line

BOTTOM HOLE LOCATION @ 9716' Measured Depth 9645.5' True Vertical Depth

707.5' North, -181.6' West from Surface Location Crescent Job Number: CA 12203 and CA-12304

Surveyed from a depth of 0.0'- 9716' MD

Type of survey: Crescent MWD (Measurement While Drilling)

Last Survey Date: 5/27/12

Directional Supervisor: John Stringfellow

To whom it may concern.

I attached End of Well surveys in pdf format of the Chapita Well Unit 1431-15D well.

The data and calculations for this survey have been checked by me and conform to the standards and procedures set forth by Crescent Directional Drilling. This report represents a true and correct Directional Survey of this well based on the original data

obtained at the well site. Wellbore Coordinates are calculated using minimum curvature.

John Stringfellow

Directional Coordinator

John Strugteller

Rocky Mtn. Region

Crescent Directional Drilling

Off. (307)266-6500 Cell. (307)259-7827



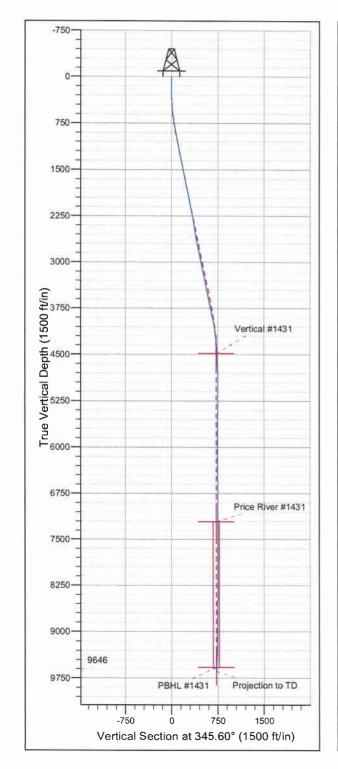
EOG Resources
Uintah County Utah
Chapita Well Unit 1426-1431-15D
CWU #1431-15D
Latitude 40° 1° 50.048 N
Longitude 109° 25' 21.029 W
True #34 @ 4859.0ff (Original Well Elev)
Ground Level 4840.0
Utah Central 4302
NAD 1927 (NADCON CONUS)

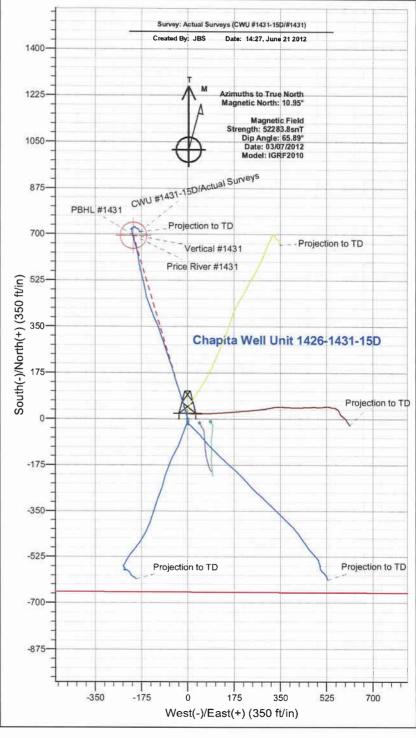
Magnetic North is 10.95° East of True North (Magnetic Declination)

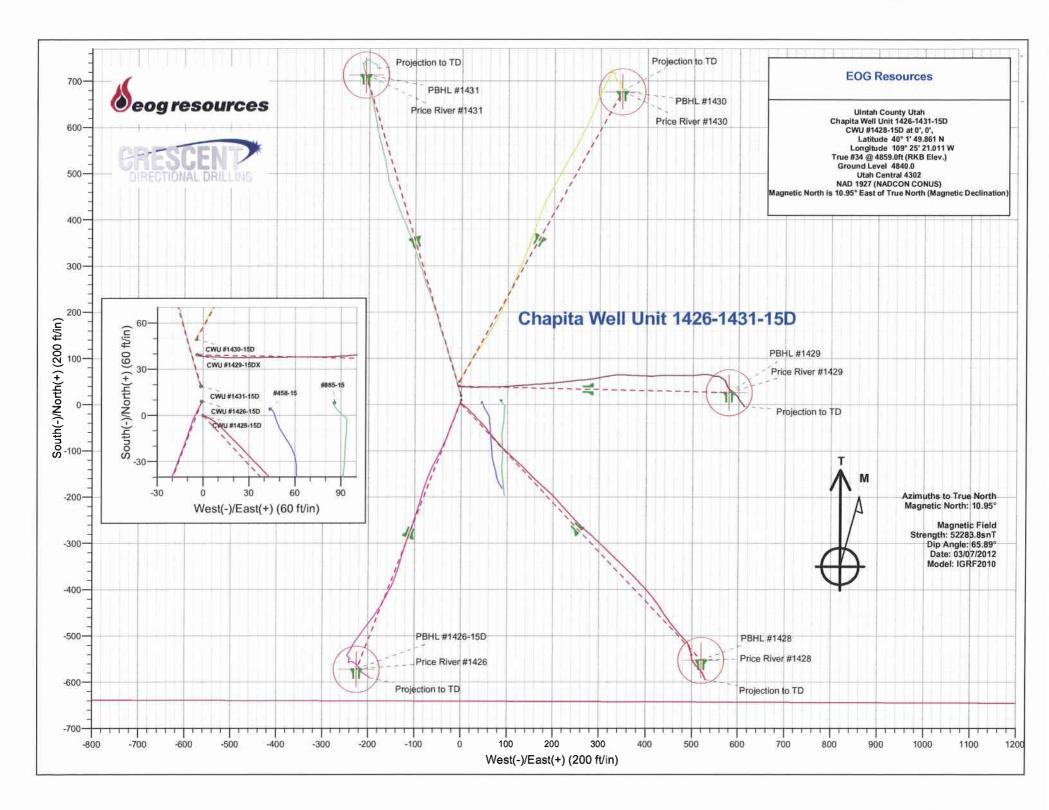


AA	NOTATION	ONS	_
TVD 9645.5		Annotation Projection to TD	

WELLBORE TARGET DETAILS										
Name	TVD	+N/-S	+E/-W	Shape						
Vertical #1431	4483.0	694.6	-206.1	Point						
Price River #1431	7213.0	694.6	-206.1	Circle (Radius: 50.0)						
PBHL #1431	9575.0	694.6	-206-1	Point						









EOG Resources

Uintah County Utah Chapita Well Unit 1426-1431-15D CWU #1431-15D #1431

Survey: Actual Surveys

Standard Survey Report

21 June, 2012







EOG Resources Uintah County Utah

Chapita Well Unit 1426-1431-15D

CWU #1431-15D

#1431 Wellbore:

Local Co-ordinate Reference

TVD Reference: MD Reference: North Reference

Survey Calculation Method:

Well CWU#1431-15D

True #34 @ 4859.0ft (Original Well Elev) True #34 @ 4859.0ft (Original Well Elev)

True

Minimum Curvature

EDM 2003.16 Single User Db

Uintah County Utah

Map System: Geo Datum: Map Zone:

US State Plane 1927 (Exact solution) NAD 1927 (NADCON CONUS)

Utah Central 4302

System Datum:

Mean Sea Level

Site

From:

Chapita Well Unit 1426-1431-15D

Site Position

Lat/Long

Northing: Easting:

624,916.61 ft

Latitude:

40° 1' 49.861 N

2,581,686.14ft

Longitude:

109° 25' 21.011 W

Position Uncertainty:

0.0 ft

Slot Radius:

Grid Convergence:

1.33°

Well

CWU #1431-15D

Well Position +N/-S

0.0 ft 0.0 ft

624,935.51 ft

Latitude: Longitude: 40° 1' 50.048 N

+E/-W

Easting:

2,581,684.30 ft

109° 25' 21.029 W

Position Uncertainty

0.0 ft

Wellhead Elevation:

Ground Level:

4,840.0 ft

Wellbore #1431

Magnetics

IGRF2010

2012/03/07

10.95

65.89

Design

#1431

Audit Notes:

Version:

1.0

Phase:

ACTUAL

Tie On Depth:

23.0

0.0

Vertical Section:

Depth From (TVD) (ft) 0.0

(ft) 0.0 (ft) 0.0 Direction (°) 345.60

Survey Program

Date 2012/06/21

From

300.0

Survey (Wellbore)

9,716.0 Actual Surveys (#1431)

MWD

Description

MWD - Standard

1.39

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
335.0	0.90	328.70	335.0	0.2	-0.1	0.3	2.57	2.57	0.00
365.0	1.70	330.00	365.0	0.8	-0.5	0.9	2.67	2.67	4.33
395.0	2.20	339.60	395.0	1.7	-0.9	1.9	1.99	1.67	32.00
425.0	3.00	339.70	424.9	3.0	-1.4	3.3	2.67	2.67	0.33
455.0	3.70	342.60	454.9	4.7	-1.9	5.0	2.40	2.33	9.67
485.0	4.40	344.10	484.8	6.7	-2.6	7.1	2.36	2.33	5.00
515.0	5.10	343.40	514.7	9.1	-3.2	9.6	2.34	2.33	-2.33
545.0	5.90	345.30	544.6	11.9	-4.0	12.5	2.73	2.67	6.33
575.0	6.40	345.80	574.4	15.0	-4.8	15.7	1.68	1.67	1.67
605.0	7.10	345.10	604.2	18.4	-5.7	19.2	2.35	2.33	-2.33

635.0

7.50

344.20

633.9

-6.7

22.1

-3.00

1.33





Project:

EOG Resources Uintah County Utah

Chapita Well Unit 1426-1431-15D

CWU #1431-15D

#1431 #1431 Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:

Well CWU#1431-15D

True #34 @ 4859.0ft (Original Well Elev) True #34 @ 4859.0ft (Original Well Elev)

True

Minimum Curvature

EDM 2003.16 Single User Db

Metal Meta	vey											ka c
665.0 8.10 344.40 683.7 280 7.8 27.1 2.00 2.00 267 695.0 880 344.00 683.3 30.2 -9.0 31.5 2.35 2.33 2.00 775.6 95.0 9.30 345.90 772.8 346.8 -10.2 36.2 1.73 1.67 3.00 755.0 9.70 346.5 0 752.6 39.6 -11.3 41.2 1.37 1.33 2.00 755.0 9.70 346.5 0 752.6 39.6 -11.3 41.2 1.37 1.33 2.00 2.00 755.0 9.70 346.5 0 752.6 39.6 -11.3 41.2 1.37 1.33 2.00 2.00 346.5 0 10.20 345.5 0 811.7 461 -12.8 46.3 1.08 10.00 -2.33 845.0 10.20 345.5 0 811.7 461 -12.8 46.3 1.08 10.00 -2.33 845.0 10.20 345.5 0 811.7 461 -12.8 46.3 1.08 10.00 -2.33 945.0 10.20 345.2 0 811.7 451 -15.2 56.9 0.71 0.67 -1.33 95.0 10.80 345.2 0 811.7 451 -15.2 56.9 0.71 0.67 -1.33 95.0 10.80 345.2 0 800.2 65.5 -18.1 67.8 10.00 1.00 1.33 95.0 10.80 344.8 0 800.2 65.5 -18.1 67.8 11.0 0.00 1.33 95.0 10.80 344.8 0 800.2 65.5 -18.1 67.8 11.0 0.00 1.33 95.0 10.80 344.5 0 895.0 11.00 341.5 0 895.0 11.00 341.5 0 895.0 11.00 341.5 0 895.1 76.3 -21.3 79.2 0.5 0 0.33 -2.00 995.0 11.00 341.5 0 895.5 11.0 341.5 0 10.00 1.00 1.00 1.00 1.00 1.00 1.0		Depth										
695.0	Vest	665.0	是一年已经多少月至15日的國際			计常性系统 经收益的	uning pagarang pagar					
725.0 9.30 345.90 723.0 348.8 -10.2 36.2 1,73 16.7 3.00 785.0 9.70 346.50 782.6 396 -11.3 412. 13.7 13.3 2.00 785.0 10.00 345.80 782.1 44.6 -12.6 46.3 10.8 10.0 -2.33 815.0 10.20 345.60 811.7 49.7 -13.9 51.6 0.68 0.67 -0.67 845.0 10.20 345.20 841.2 54.9 -15.2 56.9 0.71 0.67 -1.33 0.00 995.0 10.40 345.20 841.2 54.9 -15.2 56.9 0.71 0.67 -1.33 0.00 995.0 10.80 345.20 841.2 54.9 -15.2 56.9 0.71 0.67 -1.33 0.00 995.0 10.80 345.20 841.2 54.9 -15.2 56.9 0.71 0.67 -1.33 0.00 995.0 10.80 345.20 841.2 54.9 -15.2 56.9 0.71 0.67 -1.33 0.00 995.0 10.80 345.20 895.0 10.80 345.10 902.6 65.5 -18.1 67.9 10.3 1.00 1.00 5.67 995.0 10.80 345.20 995.1 76.3 -21.3 79.2 0.50 0.33 0.00 995.0 10.00 342.50 995.1 76.3 -21.3 79.2 0.50 0.33 -2.00 995.0 11.00 341.80 998.5 81.7 -23.0 84.9 0.66 0.03 -3.3 -2.00 995.0 11.00 341.80 988.5 81.7 -23.0 84.9 0.68 0.33 -3.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00												
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875.0							-13.9 -15.2	51.6 56.0				
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1,415.0									0.59			
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1,595.0 11.40 342.00 1,576.7 194.7 -59.1 203.3 0.13 0.00 -0.67 1,625.0 11.70 341.80 1,606.1 200.4 -60.9 209.3 1.01 1.00 -0.67 1,655.0 11.90 341.10 1,635.4 206.2 -62.9 215.4 0.82 0.67 -2.33 1,685.0 11.80 340.80 1,664.8 212.1 -64.9 221.5 0.39 -0.33 -1.00 1,715.0 11.90 339.70 1,694.2 217.9 -67.0 227.7 0.82 0.33 -3.67 1,745.0 12.10 340.10 1,752.9 229.6 -71.2 240.1 0.68 -0.67 1.33 1,775.0 11.90 340.30 1,752.9 229.6 -71.2 240.1 0.68 -0.67 0.67 1,805.0 12.00 340.20 1,782.2 235.4 -73.3 246.3 0.34 0.33 -0.33 1,835.0 11.80 341.50 1,811.6 241.3 -75.3 252.4 1.11 </td <td></td> <td></td> <td></td> <td></td> <td>1,547.3</td> <td>189.1</td> <td>-57.2</td> <td></td> <td></td> <td></td> <td></td> <td></td>					1,547.3	189.1	-57.2					
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1,655.0 11.90 341.10 1,635.4 206.2 -62.9 215.4 0.82 0.67 -2.33 1,685.0 11.80 340.80 1,664.8 212.1 -64.9 221.5 0.39 -0.33 -1.00 1,715.0 11.90 339.70 1,684.2 217.9 -67.0 227.7 0.82 0.33 -3.67 1,745.0 12.10 340.10 1,723.5 223.7 -69.1 233.9 0.72 0.67 1.33 1,775.0 11.90 340.30 1,752.9 229.6 -71.2 240.1 0.68 -0.67 0.67 1,805.0 12.00 340.20 1,782.2 235.4 -73.3 246.3 0.34 0.33 -0.33 1,835.0 11.80 341.50 1,811.6 241.3 -75.3 252.4 1.11 -0.67 4.33 1,865.0 11.70 342.40 1,840.9 247.1 -77.2 258.5 0.70 -0.33 3.00 1,895.0 11.30 342.80 1,897.7 258.4 -80.8 270.4 0.33 <td></td> <td>1,625.0</td> <td>11.70</td> <td>341.80</td> <td>1,606.1</td> <td>200.4</td> <td>-60.9</td> <td>209.3</td> <td>1.01</td> <td>1.00</td> <td>-0.67</td> <td></td>		1,625.0	11.70	341.80	1,606.1	200.4	-60.9	209.3	1.01	1.00	-0.67	
1,715.0 11.90 339.70 1,694.2 217.9 -67.0 227.7 0.82 0.33 -3.67 1,745.0 12.10 340.10 1,723.5 223.7 -69.1 233.9 0.72 0.67 1.33 1,775.0 11.90 340.30 1,752.9 229.6 -71.2 240.1 0.68 -0.67 0.67 1,805.0 12.00 340.20 1,782.2 235.4 -73.3 246.3 0.34 0.33 -0.33 1,835.0 11.80 341.50 1,811.6 241.3 -75.3 252.4 1.11 -0.67 4.33 1,865.0 11.70 342.40 1,840.9 247.1 -77.2 258.5 0.70 -0.33 3.00 1,895.0 11.30 342.80 1,897.3 252.8 -79.0 264.5 1.36 -1.33 1.33 1,925.0 11.40 342.80 1,899.7 258.4 -80.8 270.4 0.33 0.33 0.67 1,985.0 11.50 342.10 1,958.6 269.7 -84.3 282.2 0.89					1,635.4		-62.9	215.4	0.82	0.67		
1,745.0 12.10 340.10 1,723.5 223.7 -69.1 233.9 0.72 0.67 1.33 1,775.0 11.90 340.30 1,752.9 229.6 -71.2 240.1 0.68 -0.67 0.67 1,805.0 12.00 340.20 1,782.2 235.4 -73.3 246.3 0.34 0.33 -0.33 1,835.0 11.80 341.50 1,811.6 241.3 -75.3 252.4 1.11 -0.67 4.33 1,865.0 11.70 342.40 1,840.9 247.1 -77.2 258.5 0.70 -0.33 3.00 1,895.0 11.30 342.80 1,899.7 258.4 -80.8 270.4 0.33 0.33 0.00 1,955.0 11.30 342.80 1,899.7 258.4 -80.8 270.4 0.33 0.33 0.00 1,955.0 11.30 342.10 1,958.6 269.7 -84.3 282.2 0.89 0.67 -3.00 2,015.0 11.60 341.90 1,988.0 275.4 -86.1 288.2 0.36					1,664.8	212.1						
1,775.0 11.90 340.30 1,752.9 229.6 -71.2 240.1 0.68 -0.67 0.67 1,805.0 12.00 340.20 1,782.2 235.4 -73.3 246.3 0.34 0.33 -0.33 1,835.0 11.80 341.50 1,811.6 241.3 -75.3 252.4 1.11 -0.67 4.33 1,865.0 11.70 342.40 1,840.9 247.1 -77.2 258.5 0.70 -0.33 3.00 1,895.0 11.30 342.80 1,870.3 252.8 -79.0 264.5 1.36 -1.33 1.33 1,925.0 11.40 342.80 1,899.7 258.4 -80.8 270.4 0.33 0.33 0.00 1,955.0 11.30 343.00 1,929.2 264.1 -82.5 276.3 0.36 -0.33 0.67 1,985.0 11.50 342.10 1,988.0 275.4 -86.1 288.2 0.89 0.67 -3.00 2,015.0 11.60 341.90 2,946.7 287.0 -90.0 300.3 1.02 <td></td> <td></td> <td></td> <td></td> <td>1,694.2</td> <td>217.9</td> <td></td> <td></td> <td></td> <td>0.33</td> <td></td> <td></td>					1,694.2	217.9				0.33		
1,805.0 12.00 340.20 1,782.2 235.4 -73.3 246.3 0.34 0.33 -0.33 1,835.0 11.80 341.50 1,811.6 241.3 -75.3 252.4 1.11 -0.67 4.33 1,865.0 11.70 342.40 1,840.9 247.1 -77.2 258.5 0.70 -0.33 3.00 1,895.0 11.30 342.80 1,870.3 252.8 -79.0 264.5 1.36 -1.33 1.33 1,925.0 11.40 342.80 1,899.7 258.4 -80.8 270.4 0.33 0.33 0.00 1,955.0 11.30 343.00 1,929.2 264.1 -82.5 276.3 0.36 -0.33 0.67 1,985.0 11.50 342.10 1,958.6 269.7 -84.3 282.2 0.89 0.67 -3.00 2,015.0 11.60 341.90 1,988.0 275.4 -86.1 288.2 0.36 0.33 -0.67 2,045.0 11.60 341.50 2,046.7 287.0 -90.0 300.3 1.02 <td></td>												
1,835.0 11.80 341.50 1,811.6 241.3 -75.3 252.4 1.11 -0.67 4.33 1,865.0 11.70 342.40 1,840.9 247.1 -77.2 258.5 0.70 -0.33 3.00 1,895.0 11.30 342.80 1,870.3 252.8 -79.0 264.5 1,36 -1.33 1,33 1,925.0 11.40 342.80 1,899.7 258.4 -80.8 270.4 0.33 0.33 0.00 1,955.0 11.30 343.00 1,929.2 264.1 -82.5 276.3 0.36 -0.33 0.67 1,985.0 11.50 342.10 1,958.6 269.7 -84.3 282.2 0.89 0.67 -3.00 2,015.0 11.60 341.90 1,988.0 275.4 -86.1 288.2 0.36 0.33 -0.67 2,045.0 11.60 341.50 2,017.3 281.2 -88.0 294.2 0.27 0.00 -1.33 2,075.0 11.90 341.20 2,046.7 287.0 -90.0 300.3 1.02 <td></td> <td></td> <td></td> <td></td> <td>1,752.9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>					1,752.9							
1,865.0 11.70 342.40 1,840.9 247.1 -77.2 258.5 0.70 -0.33 3.00 1,895.0 11.30 342.80 1,870.3 252.8 -79.0 264.5 1.36 -1.33 1.33 1,925.0 11.40 342.80 1,899.7 258.4 -80.8 270.4 0.33 0.33 0.00 1,955.0 11.30 343.00 1,929.2 264.1 -82.5 276.3 0.36 -0.33 0.67 1,985.0 11.50 342.10 1,958.6 269.7 -84.3 282.2 0.89 0.67 -3.00 2,015.0 11.60 341.90 1,988.0 275.4 -86.1 288.2 0.36 0.33 -0.67 2,045.0 11.60 341.50 2,017.3 281.2 -88.0 294.2 0.27 0.00 -1.33 2,075.0 11.90 341.20 2,046.7 287.0 -90.0 300.3 1.02 1.00 -1.00 2,105.0 11.60 340.30 2,076.1 292.7 -92.0 306.4 1.17 <td></td> <td>1,835.0</td> <td></td> <td></td> <td>1,702.2</td> <td>235.4 241.3</td> <td>-73.3 -75.3</td> <td>240.3 252.4</td> <td></td> <td></td> <td></td> <td></td>		1,835.0			1,702.2	235.4 241.3	-73.3 -75.3	240.3 252.4				
1,895.0 11.30 342.80 1,870.3 252.8 -79.0 264.5 1.36 -1.33 1.33 1,925.0 11.40 342.80 1,899.7 258.4 -80.8 270.4 0.33 0.33 0.00 1,955.0 11.30 343.00 1,929.2 264.1 -82.5 276.3 0.36 -0.33 0.67 1,985.0 11.50 342.10 1,958.6 269.7 -84.3 282.2 0.89 0.67 -3.00 2,015.0 11.60 341.90 1,988.0 275.4 -86.1 288.2 0.36 0.33 -0.67 2,045.0 11.60 341.50 2,017.3 281.2 -88.0 294.2 0.27 0.00 -1.33 2,075.0 11.90 341.20 2,046.7 287.0 -90.0 300.3 1.02 1.00 -1.00 2,105.0 11.60 340.30 2,076.1 292.7 -92.0 306.4 1.17 -1.00 -3.00 2,135.0 11.60 341.00 2,105.5 298.4 -94.0 312.4 0.47 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-77.2</td> <td></td> <td></td> <td></td> <td></td> <td></td>							-77.2					
1,955.0 11.30 343.00 1,929.2 264.1 -82.5 276.3 0.36 -0.33 0.67 1,985.0 11.50 342.10 1,958.6 269.7 -84.3 282.2 0.89 0.67 -3.00 2,015.0 11.60 341.90 1,988.0 275.4 -86.1 288.2 0.36 0.33 -0.67 2,045.0 11.60 341.50 2,017.3 281.2 -88.0 294.2 0.27 0.00 -1.33 2,075.0 11.90 341.20 2,046.7 287.0 -90.0 300.3 1.02 1.00 -1.00 2,105.0 11.60 340.30 2,076.1 292.7 -92.0 306.4 1.17 -1.00 -3.00 2,135.0 11.60 341.00 2,105.5 298.4 -94.0 312.4 0.47 0.00 2.33 2,165.0 11.30 341.90 2,134.9 304.1 -95.9 318.4 1.16 -1.00 3.00 2,195.0 10.70 342.10 2,164.3 309.5 -97.7 324.1 2.00 <td></td> <td>1,895.0</td> <td>11.30</td> <td>342.80</td> <td>1,870.3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		1,895.0	11.30	342.80	1,870.3							
1,955.0 11.30 343.00 1,929.2 264.1 -82.5 276.3 0.36 -0.33 0.67 1,985.0 11.50 342.10 1,958.6 269.7 -84.3 282.2 0.89 0.67 -3.00 2,015.0 11.60 341.90 1,988.0 275.4 -86.1 288.2 0.36 0.33 -0.67 2,045.0 11.60 341.50 2,017.3 281.2 -88.0 294.2 0.27 0.00 -1.33 2,075.0 11.90 341.20 2,046.7 287.0 -90.0 300.3 1.02 1.00 -1.00 2,105.0 11.60 340.30 2,076.1 292.7 -92.0 306.4 1.17 -1.00 -3.00 2,135.0 11.60 341.00 2,105.5 298.4 -94.0 312.4 0.47 0.00 2.33 2,165.0 11.30 341.90 2,134.9 304.1 -95.9 318.4 1.16 -1.00 3.00 2,195.0 10.70 342.10 2,164.3 309.5 -97.7 324.1 2.00 <td></td> <td>1,925.0</td> <td>11.40</td> <td>342.80</td> <td>1,899.7</td> <td>258.4</td> <td>-80.8</td> <td>270.4</td> <td>0.33</td> <td>0.33</td> <td>0.00</td> <td></td>		1,925.0	11.40	342.80	1,899.7	258.4	-80.8	270.4	0.33	0.33	0.00	
2,015.0 11.60 341.90 1,988.0 275.4 -86.1 288.2 0.36 0.33 -0.67 2,045.0 11.60 341.50 2,017.3 281.2 -88.0 294.2 0.27 0.00 -1.33 2,075.0 11.90 341.20 2,046.7 287.0 -90.0 300.3 1.02 1.00 -1.00 2,105.0 11.60 340.30 2,076.1 292.7 -92.0 306.4 1.17 -1.00 -3.00 2,135.0 11.60 341.00 2,105.5 298.4 -94.0 312.4 0.47 0.00 2.33 2,165.0 11.30 341.90 2,134.9 304.1 -95.9 318.4 1.16 -1.00 3.00 2,195.0 10.70 342.10 2,164.3 309.5 -97.7 324.1 2.00 -2.00 0.67 2,225.0 10.40 342.50 2,193.8 314.7 -99.3 329.6 1.03 -1.00 1.33										-0.33		
2,045.0 11.60 341.50 2,017.3 281.2 -88.0 294.2 0.27 0.00 -1,33 2,075.0 11.90 341.20 2,046.7 287.0 -90.0 300.3 1.02 1.00 -1,00 2,105.0 11.60 340.30 2,076.1 292.7 -92.0 306.4 1.17 -1.00 -3.00 2,135.0 11.60 341.00 2,105.5 298.4 -94.0 312.4 0.47 0.00 2.33 2,165.0 11.30 341.90 2,134.9 304.1 -95.9 318.4 1.16 -1.00 3.00 2,195.0 10.70 342.10 2,164.3 309.5 -97.7 324.1 2.00 -2.00 0.67 2,225.0 10.40 342.50 2,193.8 314.7 -99.3 329.6 1.03 -1.00 1.33		•										
2,075.0 11.90 341.20 2,046.7 287.0 -90.0 300.3 1.02 1.00 -1.00 2,105.0 11.60 340.30 2,076.1 292.7 -92.0 306.4 1.17 -1.00 -3.00 2,135.0 11.60 341.00 2,105.5 298.4 -94.0 312.4 0.47 0.00 2.33 2,165.0 11.30 341.90 2,134.9 304.1 -95.9 318.4 1.16 -1.00 3.00 2,195.0 10.70 342.10 2,164.3 309.5 -97.7 324.1 2.00 -2.00 0.67 2,225.0 10.40 342.50 2,193.8 314.7 -99.3 329.6 1.03 -1.00 1.33										0.33		
2,105.0 11.60 340.30 2,076.1 292.7 -92.0 306.4 1.17 -1.00 -3.00 2,135.0 11.60 341.00 2,105.5 298.4 -94.0 312.4 0.47 0.00 2.33 2,165.0 11.30 341.90 2,134.9 304.1 -95.9 318.4 1.16 -1.00 3.00 2,195.0 10.70 342.10 2,164.3 309.5 -97.7 324.1 2.00 -2.00 0.67 2,225.0 10.40 342.50 2,193.8 314.7 -99.3 329.6 1.03 -1.00 1.33												
2,135.0 11.60 341.00 2,105.5 298.4 -94.0 312.4 0.47 0.00 2.33 2,165.0 11.30 341.90 2,134.9 304.1 -95.9 318.4 1.16 -1.00 3.00 2,195.0 10.70 342.10 2,164.3 309.5 -97.7 324.1 2.00 -2.00 0.67 2,225.0 10.40 342.50 2,193.8 314.7 -99.3 329.6 1.03 -1.00 1.33												
2,165.0 11.30 341.90 2,134.9 304.1 -95.9 318.4 1.16 -1.00 3.00 2,195.0 10.70 342.10 2,164.3 309.5 -97.7 324.1 2.00 -2.00 0.67 2,225.0 10.40 342.50 2,193.8 314.7 -99.3 329.6 1.03 -1.00 1.33												
2,195.0 10.70 342.10 2,164.3 309.5 -97.7 324.1 2.00 -2.00 0.67 2,225.0 10.40 342.50 2,193.8 314.7 -99.3 329.6 1.03 -1.00 1.33												
						314.7	-99.3	329.6	1.03	-1.00	1.33	
		2,255.0	10.20	342.30	2,223.3	319.9	-101.0	334.9				





Company: Project:

EOG Resources Uintah County Utah

Chapita Well Unit 1426-1431-15D

Well: Wellbore:

Site:

CWU #1431-15D

Design:

#1431 #1431 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Database:

Well CWU#1431-15D

True #34 @ 4859.0ft (Original Well Elev) True #34 @ 4859.0ft (Original Well Elev)

True

Minimum Curvature

EDM 2003.16 Single User Db

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
2,285.0	10.20	342.70	2,252.9	324.9	-102.6	340.2	0.24	0.00	1.33	
2,401.0	9.00	339.10	2,367.2	343.2	-108.9	359.5	1.16	-1.03	-3.10	
2,432.0	8.10	338.70	2,397.9	347.5	-110.5	364.1	2.91	-2.90	-1.29	
2,463.0	8.40	337.90	2,428.6	351.6	-112.2	368.5	1.04	0.97	-2.58	
2,493.0	8.40	337.40	2,458.3	355.7	-113.8	372.8	0.24	0.00	-1.67	
2,525.0	9.00	335.80	2,489.9	360.1	-115.7	377.6	2.02	1.87	-5.00	
2,556.0	10.00	335.30	2,520.5	364.8	-117.9	382.6	3.24	3.23	-1.61	
2,588.0	11.10	335.90	2,551.9	370.1	-120.3	388.4	3.45	3.44	1.87	
2,618.0	11.20	336.30	2,581.4	375.4	-122.6	394.1	0.42	0.33	1.33	
2,648.0	11.20	335.90	2,610.8	380.8	-125.0	399.9	0.26	0.00	-1.33	
2,680.0	10.90	335.90	2,642.2	386.4	-127.5	405.9	0.94	-0.94	0.00	
2,710.0	11.30	337.10	2,671.6	391.7	-129.8	411.6	1.54	1.33	4.00	
2,742.0	11.90	339.60	2,703.0	397.6	-132.2	418.0	2.45	1.87	7.81	
2,772.0	12.50	342.20	2,732.3	403.6	-134.2	424.3	2.71	2.00	8.67	
2,804.0	12.20	342.10	2,763.6	410.1	-136.3	431.2	0.94	-0.94	-0.31	
2,835.0	11.50	340.50	2,793.9	416.2	-138.4	437.5	2.49	-2.26	-5.16	
2,867.0	11.40	339.20	2,825.3	422.1	-140.6	443.8	0.86	-0.31	-4.06	
2,897.0	11.30	338.20	2,854.7	427.6	-142.7	449.7	0.74	-0.33	-3.33	
2,929.0	11.00	338.30	2,886.1	433.4	-145.0	455.8	0.94	-0.94	0.31	
2,960.0	10.70	339.10	2,916.5	438.8	-147.1	461.6	1.08	-0.97	2.58	
2,991.0	11.00	339.90	2,947.0	444.3	-149.2	467.4	1.08	0.97	2.58	
3,022.0	11.90	342.00	2,977.3	450.1	-151.2	473.6	3.20	2.90	6.77	
3,054.0	11.60	334.00	3,008.7	456.1	-153.6	480.0	5.17	-0.94	- 25.00	
3,085.0	11.20	345.20	3,039.1	461.8	-155.7	486.1	7.24	-1.29	36.13	
3,117.0	11.80	348.10	3,070.4	468.0	-157.2	492.4	2.60	1.87	9.06	
3,149.0	12.00	349.80	3,101.7	474.5	-158.5	499.0	1.26	0.62	5.31	
3,180.0	12.20	351.10	3,132.0	480.9	-159.5	505.5	1.09	0.65	4.19	
3,212.0	12.60	351.20	3,163.3	487.7	-160.6	512.3	1.25	1.25	0.31	
3,243.0	11.90	350.60	3,193.6	494.2	-161.6	518.9	2.30	-2.26	-1.94	
3,274.0	11.30	350.10	3,224.0	500.4	-162.7	525.1	1.96	-1.94	-1.61	
3,306.0	11.10	348.60	3,255.3	506.5	-163.8	531.3	1.10	-0.62	-4.69	
3,336.0	11.30	345.80	3,284.8	512.1	-165.1	537.1	1.93	0.67	-9.33	
3,368.0	11.30	343.10	3,316.2	518.2	-166.8	543.4	1.65	0.00	-8.44	
3,398.0	11.90	343.80	3,345.5	524.0	-168.5	549.4	2.05	2.00	2.33	
3,430.0	12.60	346.90	3,376.8	530.5	-170.2	556.2	3.00	2.19	9.69	
3,461.0	13.20	347.80	3,407.0	537.3	-171.8 、		2.04	1.94	2.90	
3,492.0	12.60	346.20	3,437.3	544.0	-173.3	570.0	2.25	- 1.94	-5.16	
3,523.0	11.70	345.90	3,467.6	550.4	-174.9	576.6	2.91	-2.90	-0.97	
3,554.0	11.30	345.50	3,497.9	556.4	-176.4	582.7	1.32	-1.29	-1.29	
3,585.0	11.10	345.50	3,528.3	562.2	-177.9	588.8	0.65	-0.65	0.00	
3,616.0	11.60	346.60	3,558.7	568.1	-179.4	594.9	1.76	1.61	3.55	
3,648.0	12.20	348.80	3,590.1	574.6	-180.8	601.5	2.35	1.87	6.87	
3,678.0	12.60	350.80	3,619.4	580.9	-181.9	607.9	1.96	1.33	6.67	
3,709.0	12.70	351.20	3,649.6	587.6	-183.0	614.6	0.43	0.32	1.29	
3,741.0	12.50	351.10	3,680.8	594.5	-184.1	621.6	0.63	-0.62	-0.31	
3,772.0	11.70	351.00	3,711.1	600.9	-185.1	628.1	2.58	-2.58	-0.32	
3,804.0 3,836.0	11.50 11.70	349.50 348.70	3,742.5 3,773.8	607.3 613.6	-186.2 -187.4	634.5 640.9	1.13 0.80	-0.62 0.62	-4.69 -2.50	
3,866.0	11.90	350.50	3,803.2	619.6	-188.5	647.0	1.40	0.67	6.00	
3,898.0	11.30	350.00	3,834.5	625.9	-189.6	653.4	1.40	-1.87	-1.56	
3,928.0	11.60	349.20	3,863.9	631.8	-190.6	659.4	1.13	1.00	-2.67	
3,959.0	11.60	347.30	3,894.3	637.9	-191.9	665.6	1.13	0.00	-2.07 -6.13	
3,990.0	11.20	345.60	3,924.7	643.9	-193.3	671.7	1.69	-1.29	-5.48	
4,022.0	10.50	344.70	3,956.1	649.7	-194.9	677.7	2.25	-2.19	-2.81	





Company: Project: EOG Resources Uintah County Utah

Chapita Well Unit 1426-1431-15D

Well: Wellbore:

Site:

CWU #1431-15D

Wellbore: #1431 **Design:** #1431

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method: Database:

Well CWU#1431-15D

True #34 @ 4859.0ft (Original Well Elev) True #34 @ 4859.0ft (Original Well Elev)

True

Minimum Curvature

EDM 2003.16 Single User Db

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (%100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,053.0	9.60	344.00	3,986.7	654.9	-196.3	683.2	2.93			
4,083.0	9.00	343.10	4,016.3	659.5				-2.90	-2.26	
4,115.0	8.50	342.30			-197.7	688.0	2.06	-2.00	-3.00	
			4,047.9	664.2	-199.2	692.9	1.61	-1.56	-2.50	
4,145.0	7.70	343.00	4,077.6	668.2	-200.4	697.1	2.69	<i>-</i> 2.67	2.33	
4,177.0	7.80	344.10	4,109.3	672.4	-201.7	701.4	0.56	0.31	3.44	
4,209.0	8.00	345.30	4,141.0	676.6	-202.8	705.8	0.81	0.62	3.75	
4,239.0	7.80	346.40	4,170.7	680.6	-203.8	709.9	0.84	-0.67	3.67	
4,271.0	7.30	346.90	4,202.4	684.7	-204.8	714.1	1.58	-1.56	1.56	
4,301.0	6.90	345.60	4,232.2	688.3	-205.7	717.8	1.44	-1.33	-4.33	
4,331.0	6.30	343.80	4,262.0	691.6	-206.6	721.3	2.12	-2.00	-6.00	
4,363.0	5.70	344.10	4,293.8	694.8	-200.5 -207.5	721.3 724.6				
4,394.0	5.60	344.80					1.88	-1.87	0.94	
4,426.0	5.50	344.70	4,324.7	697.8	-208.3	727.7	0.39	-0.32	2.26	
			4,356.5	700.8	-209.1	730.8	0.31	-0.31	-0.31	
4,457.0	5.00	345.20	4,387.4	703.5	-209.9	733.6	1.62	-1.61	1.61	
4,488.0	4.60	345.40	4,418.3	706.0	<i>-</i> 210.5	736.2	1.29	-1.29	0.65	
4,520.0	3.80	350.10	4,450.2	708.3	-211.0	738.5	2.72	-2.50	14.69	
4,551.0	3.20	352.90	4,481.1	710.2	-211.3	740.4	2.01	-1.94	9.03	
4,552.0	3.20	352.90	4,482.1	710.2	-211.3	740.5	0.31	-0.31	0.00	
Vertical #1	1431									
4,583.0	3.10	352.90	4,513.1	711.9	-211.5	742.2	0.31	-0.31	0.00	
4,615.0	3.00	351.80	4,545.0	713.6	-211.8	743.8	0.36	-0.31	-3.44	
4,647.0	2.50	351.30	4,577.0	715.1	-212.0	745.4	1.56	-1.56	-1.56	
4,678.0	2.00	350.90	4,608.0	716.3	-212.2	746.6	1.61	-1.61	-1.29	
4,709.0	1.70	347.20	4,639.0	717.3	-212.4	747.6	1.04	-0.97	-11.94	
4,741.0	1.30	337.30	4,671.0	718.1	-212.6	748.4	1.48	-1.25	-30.94	
4,773.0	0.70	317.90	4,703.0	718.6	- 212.9	748.9	2.13	-1.87	-60.62	
4,805.0	0.40	288.90	4,735.0	718.8	-213.1	749.2	1.25	-0.94	-90.62	
4,836.0	0.40	261.70	4,766.0	718.8	-213.3	749.3	0.61	0.00	-87.74	
4,928.0	0.50	280.00	4,857.9	718.8	-214.0	749.5	0.19	0.11	19.89	
5,021.0	0.30	236.60	4,950.9	718.7	-214.6	749.5	0.38	-0.22	-46.67	
5,115.0	0.30	226.00	5,044.9	718.4	-215.0	749.3	0.06	0.00	-11.28	
5,208.0	0.10	226.00	5,137.9	718.2	-215.3	749.2	0.22	-0.22	0.00	
5,302.0	0.60	48.60	5,231.9	718.5	-214.9	749.4	0.74	0.53	-188.72	
5,397.0	0.40	73.60	5,326.9	718.9	-214.3	749.6	0.31	-0.21	26.32	
5,492.0	0.40	70.80	5,421.9	719.1	-213.6	749.6	0.02	0.00	-2.95	
5,586.0	0.40	111.40	5,515.9	719.1	-213.0	749.5	0.30	0.00	43.19	
5,678.0	0.40	116.60	5,607.9	718.8	-212.4	749.1	0.04	0.00	5.65	
5,772.0	0.40	125.30	5,701.9	718.5	-211.9	748.6	0.06	0.00	9.26	
5,867.0	0.40	129.90	5,796.9	718.1	-211.3	748.1	0.03	0.00	4.84	
5,959.0	0.40	153.10	5,888.9	717.6	-210.9	747.5	0.17	0.00	25.22	
6,053.0	0.60	352.60	5,982.9	717.8	-210.9	747.7	1.05	0.21	-170.74	
6,147.0	0.40	3.40	6,076.9	718.6	-210.9	748.5	0.23	-0.21	11.49	
6,240.0	0.70	338.60	6,169.9	719.5	-211.1	749.4	0.40			
6,333.0	0.40	333.60	6,262.9	719.3	-211.1 -211.4			0.32	-26.67	
6,427.0	0.10	312.40				750.2	0.33	-0.32	-5.38	
			6,356.9	720.6	-211.7	750.6	0.33	-0.32	-22.55	
6,519.0	0.20 0.40	167.40	6,448.9	720.5	-211.7	750.5	0.31	0.11	-157.61	
6,613.0		168.30	6,542.9	720.1	-211.6	750.0	0.21	0.21	0.96	
6,706.0	0.60	166.90	6,635.9	719.3	-211.4	749.2	0.22	0.22	-1.51	
6,799.0	0.40	118.60	6,728.9	718.6	-211.0	748.5	0.48	-0.22	-51.94	
6,893.0	0.50	22.40	6,822.9	718.9	-210.6	748.6	0.72	0.11	-102.34	
6,988.0	0.40	36.70	6,917.9	719.5	-210.2	749.2	0.16	-0.11	15.05	
7,081.0	0.30	68.10	7,010.9	719.9	-209.8	749.4	0.23	-0.11	33.76	
7,174.0	0.10	215.10	7,103.9	719.9	-209.6	749.4	0.42	-0.22	158.06	
7,269.0	0.70	40.60	7,198.9	720.2	-209.3	749.7	0.84	0.63	-183.68	
7,283.0	0.65	43.17	7,212.9	720.4	-209.2	749.8	0.43	-0.37	18.38	





Company: Project:

EOG Resources Uintah County Utah

Site:

Chapita Well Unit 1426-1431-15D

Well: Wellbore: CWU #1431-15D

Design:

#1431 #1431 **Local Co-ordinate Reference:**

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Database:

Well CWU#1431-15D

True #34 @ 4859.0ft (Original Well Elev) True #34 @ 4859.0ft (Original Well Elev)

True

Minimum Curvature

EDM 2003.16 Single User Db

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (%100ft)	Turn Rate (°/100ft)
Price River	#1431								
7,362.0	0.40	69.50	7,291.9	720.8	-208.6	750.0	0.43	-0.31	33.32
7,456.0	1.00	17.90	7,385.9	721.7	-208.0	750.8	0.87	0.64	-54.89
7,552.0	1.00	17.70	7,481.9	723.3	-207.5	752.2	0.00	0.00	-0.21
7,644.0	0.90	30.00	7,573.9	724.7	-206.9	753.4	0.25	-0.11	13.37
7,738.0	0.80	47.30	7,667.8	725.8	-206.1	754.2	0.29	-0.11	18.40
7,833.0	0.80	74.70	7,762.8	726.4	-204.9	754.5	0.40	0.00	28.84
7,927.0	0.80	96.70	7,856.8	726.5	-203.7	754.3	0.32	0.00	23.40
8,021.0	1.10	109.80	7,950.8	726.1	-202.2	753.6	0.39	0.32	13.94
8,116.0	0.60	80.00	8,045.8	725.9	-200.8	753.0	0.69	-0.53	-31.37
8,210.0	0.60	107.60	8,139.8	725.8	-199.9	752.7	0.30	0.00	29.36
8,306.0	0.70	111.20	8,235.8	725.4	-198.8	752.1	0.11	0.10	3.75
8,398.0	0.40	131.00	8,327.8	725.0	-198.1	751.5	0.38	-0.33	21.52
8,492.0	0.60	140.40	8,421.8	724.4	-197.5	750.8	0.23	0.21	10.00
8,586.0	0.80	126.00	8,515.8	723.7	-196.7	749.8	0.28	0.21	-15.32
8,679.0	1.00	122.60	8,608.8	722.9	-195.4	748.8	0.22	0.22	-3.66
8,773.0	0.90	124.50	8,702.8	722.0	-194.1	747.6	0.11	-0.11	2.02
8,867.0	1.00	123.40	8,796.7	721.1	-192.9	746.4	0.11	0.11	-1.17
8,960.0	0.90	115.10	8,889.7	720.4	-191.5	745.4	0.18	-0.11	-8.92
9,053.0	1.20	109.50	8,982.7	719.7	-189.9	744.4	0.34	0.32	-6.02
9,147.0	1.20	116.40	9,076.7	719.0	-188.1	743.2	0.15	0.00	7.34
9,241.0 9,335.0 9,430.0 9,524.0 9,600.0 PBHL #143	1.10 1.00 1.50 1.60 1.80	114.90 129.20 154.80 166.60 166.50	9,170.7 9,264.7 9,359.6 9,453.6 9,529.6	718.2 717.3 715.6 713.2 711.0	-186.4 -185.0 -183.8 -183.0 -182.5	742.0 740.7 738.8 736.3 734.1	0.11 0.30 0.78 0.36 0.26	-0.11 -0.11 0.53 0.11 0.26	-1.60 15.21 26.95 12.55 -0.13
9,716.0 Projection	1.80 to TD	166.50	9,645.5	707.5	-181.6	730.4	0.00	0.00	0.00





Company:

EOG Resources

Project: Site:

Uintah County Utah

Well:

Chapita Well Unit 1426-1431-15D

Wellbore:

CWU #1431-15D

Design:

#1431 #1431 **Local Co-ordinate Reference:**

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method: Database:

Well CWU#1431-15D

True #34 @ 4859.0ft (Original Well Elev) True #34 @ 4859.0ft (Original Well Elev)

True

Minimum Curvature

EDM 2003.16 Single User Db

Targets

Target Name

- hit/miss target - Shape

Dip Angle Dip Dir. (°)

(°) 0.00

0.00

(ft) 4,483.0

(ft) 694.6

+N/-S

(ft) -206.1 - survey misses target center by 16.5ft at 4552.0ft MD (4482.1 TVD, 710.2 N, -211.3 E)

+E/-W

625,625.16

Northing

(ft)

(ft) 2,581,462.13

Easting

Latitude Longitude 40° 1' 56.914 N 109° 25' 23.678 W

Vertical #1431 - Point

0.00

9,575.0

TVD

694.6

-206.1

625,625.16 2,581,462.13 40° 1' 56.914 N 109° 25' 23.678 W

PBHL #1431 - Point

Price River #1431

0.00 - survey misses target center by 53.8ft at 9600.0ft MD (9529.6 TVD, 711.0 N, -182.5 E) 0.00

0.00 7,213.0

694.6 -206.1 625,625.16

2,581,462.13

40° 1' 56.914 N 109° 25' 23.678 W

- survey misses target center by 25.9ft at 7282.9ft MD (7212.8 TVD, 720.4 N, -209.2 E)

- Circle (radius 50.0)

Survey Annotations

Measured Depth (ft)

9,716.0

Vertical Depth (ft)

9,645.5

Local Coordinates +N/-S (ft)

707.5

+E/-W (ft)

-181.6

Comment Projection to TD

Checked By:

Approved By:

Date:



EOG Resources

Uintah County Utah Chapita Well Unit 1426-1431-15D CWU #1431-15D #1431

Survey: Actual Surveys

Survey Report - Geographic

21 June, 2012







Company: Project:

EOG Resources

Uintah County Utah

Site: Well: Chapita Well Unit 1426-1431-15D CWU #1431-15D

Wellbore: #1431 #1431 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well CWU#1431-15D

True #34 @ 4859.0ft (Original Well Elev) True #34 @ 4859.0ft (Original Well Elev)

True

Minimum Curvature

EDM 2003.16 Single User Db

Project

Uintah County Utah

Map System: Geo Datum:

US State Plane 1927 (Exact solution) NAD 1927 (NADCON CONUS)

Utah Central 4302

System Datum:

Mean Sea Level

Map Zone:

Site

Chapita Well Unit 1426-1431-15D

Site Position: From:

Lat/Long

Northing:

624,916,61 ft

Latitude:

40° 1' 49.861 N

Position Uncertainty:

0.0 ft

Easting: Slot Radius: 2.581.686.14ft

Longitude: **Grid Convergence:** 109° 25' 21.011 W

1.33 °

Well

CWU #1431-15D

Well Position

+N/-S

0.0 ft 0.0 ft Northing:

624.935.51 ft 2,581,684.30 ft Latitude:

40° 1' 50.048 N

+E/-W **Position Uncertainty**

0.0 ft

Easting: Wellhead Elevation:

Longitude: Ground Level: 109° 25' 21.029 W

4.840.0 ft

Wellbore

#1431

Magnetics

Model Name

Sample Date

Dip Angle

Field Strength

(nT)

IGRF2010

2012/03/07

10.95

65.89

52.284

Design

#1431

Audit Notes:

Version:

1.0

Phase:

ACTUAL

Tie On Depth:

0.0

Vertical Section:

Depth From (TVD (ft)

0.0

(ft) 0.0 +E/-W (ft) 0.0

Direction (°)

345.60

Survey Program

Date 2012/06/21

From (ft)

(ft)

Survey (Wellbore)

Tool Name

Description

300.0

9,716.0 Actual Surveys (#1431)

MWD

MWD - Standard





Company: Project:

EOG Resources Uintah County Utah

Chapita Well Unit 1426-1431-15D CWU #1431-15D

Site: Well: Wellbore: Design:

#1431 #1431

Local Co-ordinate Reference:

TVD Reference: MD Reference:

MD Reference: North Reference: Survey Calculation Method: Database:

Well CWU#1431-15D

True #34 @ 4859.0ft (Original Well Elev) True #34 @ 4859.0ft (Original Well Elev)

True

Minimum Curvature

EDM 2003.16 Single User Db

	4.75	3.75	i
	-	01	ì
Su	EV	υv	r.

Mestivate Depth Inclination Asimpton Depth Post	Survey -				anelis erak	Lawrence make	Fill the east toward			
Column C		Inclination	Azimuth		+N/-S	+E/-W				
335.0 0.00 0.00 0.00 300.0 0.0 0.0 0.00 824.935.51 2.581.884.30 40" 15.00.68 N 109° 25° 21.031 W 365.0 1.70 330.00 385.0 0.2 0.11 624.935.52 2.581.883.79 40" 15.00.66 N 109° 25° 21.031 W 425.0 3.00 339.0 424.9 3.0 -1.4 624.935.50 2.581.882.84 40" 15.00.68 N 109° 25° 21.041 W 425.0 3.00 339.70 424.9 3.0 -1.4 624.935.50 2.581.882.84 40" 15.00.68 N 109° 25° 21.041 W 425.0 3.70 342.60 454.9 47.9 624.940.15 2.581.882.84 40" 15.00.68 N 109° 25° 21.041 W 484.8 67 -2.6 624.942.17 2.581.881.59 40" 15.00.68 N 109° 25° 21.041 W 55.00.68 N 109°	(ft)	THE STREET OF CARLES	041-14-1-1-15						Latitude	Longitude
339.0 0 0.0 0 0.0 300.0 0.0 0.0 624,935.51 2,581,864.30 0"1"50.048 N 109°25"21.031 W 365.0 1.70 330.0 336.0 0.2 -0.1 624,936.52 2,581,863.79 40"1"50.058 N 109°25"21.031 W 425.0 3.00 339.0 345.0 1.7 -0.9 624,936.32 2,581,863.25 40"1"50.058 N 109°25"21.031 W 425.0 3.00 339.0 424.9 3.0 -1.4 624,935.50 2,581,862.84 40"1"50.058 N 109°25"21.031 W 455.0 3.70 342.60 454.9 4.7 -1.9 624,940.15 2,581,862.24 40"1"50.058 N 109°25"21.054 W 485.0 4.40 344.10 484.8 6.7 -2.6 624,942.17 2,581,861.59 40"1"50.151 N 109°25"21.054 W 485.0 5.0 343.40 514.7 9.1 -3.2 624,942.17 2,581,861.59 40"1"50.151 N 109°25"21.054 W 575.0 50.0 345.30 544.6 11.9 4.0 624,947.29 2,581,860.0 40"1"50.151 N 109°25"21.071 W 685.0 59.0 345.30 544.6 11.9 4.0 624,947.29 2,581,860.0 40"1"50.168 N 109°25"21.071 W 685.0 570.0 345.10 604.2 18.4 -5.7 624,953.77 2,581,676.18 40"1"50.258 N 109°25"21.091 W 685.0 7.50 344.0 604.2 18.4 -5.7 624,953.77 2,581,676.18 40"1"50.258 N 109°25"21.103 W 685.0 8.80 345.0 693.3 30.2 -9.0 624,963.4 2,581,676.8 40"1"50.305 N 109°25"21.103 W 685.0 8.80 345.0 693.3 30.2 -9.0 624,970.20 2,581,867.8 40"1"50.305 N 109°25"21.103 W 755.0 9.30 345.90 723.0 348.0 10.2 624,970.20 2,581,873.33 40"1"50.305 N 109°25"21.103 W 755.0 9.30 345.0 59.70 346.50 752.6 38.6 10.2 624,970.20 2,581,873.33 40"1"50.340 N 109°25"21.103 W 755.0 9.30 345.0 59.70 346.50 752.6 38.6 10.2 624,970.20 2,581,873.33 40"1"50.340 N 109°25"21.103 W 755.0 9.30 345.0 782.1 44.8 10.2 624,970.20 2,581,873.33 40"1"50.340 N 109°25"21.103 W 755.0 9.30 345.0 792.1 44.8 10.2 624,970.20 2,581,873.33 40"1"50.340 N 109°25"21.103 W 755.0 9.00 345.80 752.1 44.8 10.2 624,970.20 2,581,873.33 40"1"50.340 N 109°25"21.103 W 755.0 9.00 345.80 752.1 44.8 10.2 624,970.20 2,581,867.30 40"1"50.340 N 109°25"21.103 W 755.0 9.00 345.80 752.1 44.8 10.2 624,970.20 2,581,867.30 40"1"50.340 N 109°25"21.103 W 755.0 9.00 345.80 752.1 44.8 10.2 624,970.20 2,581,867.30 40"1"50.340 N 109°25"21.103 W 755.0 9.00 345.0 9.00 345.0 9.00 345.0 9.00 345.0 9.00 345.0 9.00 345.0 9.00 345.0 9.00 345.0 9.00 345.0 9.00	0.0	0.00	0.00	0.0	0.0	0.0	624,935.51	2,581,684.30	40° 1' 50.048 N	109° 25' 21.029 W
385.0 0.90 328.70 335.0 0.2 -0.1 624.935.75 2,581.884.15 40°15.051 N 109°25°21.031 W 395.0 1.70 330.00 386.0 0.8 -0.5 624.935.75 2,581.883.75 40°15.056 N 109°25°21.031 W 395.0 1.70 30.0 395.0 1.77 -0.9 624.937.24 2,581.883.35 40°15.056 N 109°25°21.031 W 395.0 3.00 393.70 424.9 3.0 1.4 624.99.50 2,581.882.34 40°15.056 N 109°25°21.041 W 345.0 3.70 342.60 454.9 4.7 -1.9 624.940.15 2,581.882.84 40°15.056 N 109°25°21.047 W 345.0 3.70 342.60 454.9 4.7 -1.9 624.940.15 2,581.882.84 40°15.056 N 109°25°21.047 W 345.0 5.0 343.40 514.7 9.1 3.2 624.943.51 2,581.882.84 40°15.056 N 109°25°21.056 W 345.0 54.0 343.40 514.7 9.1 3.2 624.943.51 2,581.882.84 40°15.056 N 109°25°21.056 W 345.0 54.0 343.40 514.7 9.1 3.2 624.943.51 2,581.882.84 40°15.05.00 N 109°25°21.056 W 345.0 54.0 343.40 514.7 9.1 3.2 624.943.51 2,581.882.84 40°15.0 150.0 109°25°21.056 W 345.0 54.0 345.0 54.6 11.9 4.0 624.94.27 2,581.80.0 40°15.0 138 N 109°25°21.00 W 375.0 54.0 345.0 64.2 18.4 5.7 624.945.3 2,581.80.0 40°15.0 138 N 109°25°21.00 W 375.0 54.0 344.0 683.2 2.1 6.6 624.957.2 2,581.877.0 40°15.0 138 N 109°25°21.00 W 345.0 633.9 345.0 633.9 345.0 633.9 345.0 633.9 345.0 633.9 345.0 633.9 345.0 633.0 348.0 348.0 34				300.0	0.0	0.0	624,935.51			
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1,475.0 11.40 343.60 1,459.1 171.8 -51.9 625,106.09 2,581,628.41 40° 1'51.747 N 109° 25' 21.696 W 1,505.0 11.70 343.20 1,488.5 177.6 -53.6 625,111.81 2,581,626.56 40° 1'51.804 N 109° 25' 21.718 W 1,535.0 11.60 342.50 1,517.9 183.4 -55.4 625,117.55 2,581,624.64 40° 1'51.861 N 109° 25' 21.741 W 1,565.0 11.40 342.20 1,547.3 189.1 -57.2 625,123.21 2,581,622.69 40° 1'51.917 N 109° 25' 21.765 W 1,595.0 11.40 342.00 1,576.7 194.7 -59.1 625,128.81 2,581,622.69 40° 1'51.917 N 109° 25' 21.788 W 1,625.0 11.70 341.80 1,606.1 200.4 -60.9 625,134.47 2,581,618.74 40° 1'52.029 N 109° 25' 21.837 W 1,635.0 11.80 340.80 1,664.8 212.1 -64.9 625,146.01 2,581,614.51 40° 1'52.144 N 109° 25' 21.837 W 1,715.0 11.90 339.70 1,694.2 217.9 -67.0 625,151.76 2,581,610.01 40° 1'52.202 N 109° 25' 21.890 W 1,775.0 11.90 340.30 1,752.9 229.6 -71.2 625,163.39 2,581,605.53 40° 1'52.375 N 109° 25' 21.917 W 1,835.0 11.80 341.50 1,811.6 241.3 -75.3 625,174.98 2,581,603.37 40° 1'52.433 N 109° 25' 21.998 W 1,865.0 11.70 342.40 1,840.9 247.1 -77.2 625,180.74 2,581,601.34 40° 1'52.490 N 109° 25' 21.998 W 1,865.0 11.70 342.40 1,840.9 247.1 -77.2 625,180.74 2,581,601.34 40° 1'52.490 N 109° 25' 21.998 W 1,865.0 11.70 342.40 1,840.9 247.1 -77.2 625,180.74 2,581,601.34 40° 1'52.490 N 109° 25' 21.998 W	1,445.0		344.70	1,429.7	166.2	-50.3	625,100.48	2,581,630.14	40° 1' 51.691 N	109° 25' 21.676 W
1,535.0 11.60 342.50 1,517.9 183.4 -55.4 625,117.55 2,581,624.64 40° 1' 51.861 N 109° 25' 21.741 W 1,565.0 11.40 342.20 1,547.3 189.1 -57.2 625,123.21 2,581,622.69 40° 1' 51.917 N 109° 25' 21.765 W 1,595.0 11.40 342.00 1,576.7 194.7 -59.1 625,128.81 2,581,620.74 40° 1' 51.973 N 109° 25' 21.788 W 1,625.0 11.70 341.80 1,606.1 200.4 -60.9 625,134.47 2,581,618.74 40° 1' 52.029 N 109° 25' 21.812 W 1,655.0 11.90 341.10 1,635.4 206.2 -62.9 625,140.24 2,581,616.65 40° 1' 52.087 N 109° 25' 21.837 W 1,685.0 11.80 340.80 1,664.8 212.1 -64.9 625,146.01 2,581,614.51 40° 1' 52.144 N 109° 25' 21.863 W 1,715.0 11.90 340.10 1,723.5 223.7 -69.1 625,157.57 2,581,610.01 40° 1' 52.259 N 109° 25' 21.917 W 1,775.0 11.90 340.30 1,752.9 229.6 -71.2 625,163.39 2,581,607.76 40° 1' 52.317 N 109° 25' 21.944 W 1,805.0 12.00 340.20 1,782.2 235.4 -73.3 625,169.18 2,581,603.37 40° 1' 52.433 N 109° 25' 21.998 W 1,865.0 11.80 341.50 1,811.6 241.3 -75.3 625,174.98 2,581,601.34 40° 1' 52.490 N 109° 25' 21.998 W 1,865.0 11.70 342.40 1,840.9 247.1 -77.2 625,180.74 2,581,601.34 40° 1' 52.490 N 109° 25' 21.2022 W	1,475.0		343.60	1,459.1			625,106.09	2,581,628.41		
1,565.0 11.40 342.20 1,547.3 189.1 -57.2 625,123.21 2,581,622.69 40° 1' 51.917 N 109° 25' 21.765 W 1,595.0 11.40 342.00 1,576.7 194.7 -59.1 625,128.81 2,581,620.74 40° 1' 51.973 N 109° 25' 21.765 W 1,625.0 11.70 341.80 1,606.1 200.4 -60.9 625,134.47 2,581,618.74 40° 1' 52.029 N 109° 25' 21.812 W 1,655.0 11.90 341.10 1,635.4 206.2 -62.9 625,140.24 2,581,616.65 40° 1' 52.087 N 109° 25' 21.837 W 1,685.0 11.80 340.80 1,664.8 212.1 -64.9 625,140.24 2,581,616.65 40° 1' 52.087 N 109° 25' 21.837 W 1,715.0 11.90 339.70 1,694.2 217.9 -67.0 625,151.76 2,581,612.29 40° 1' 52.202 N 109° 25' 21.890 W 1,775.0 11.90 340.30 1,752.9 229.6 -71.2 625,157.57 2,581,601.01 40° 1' 52.237 N 109° 25' 21.944 W 1,805.0 12.00 340.20 1,782.2 235.4 -73.3 625,169.				•				2,581,626.56		109° 25' 21.718 W
1,595.0 11.40 342.00 1,576.7 194.7 -59.1 625,128.81 2,581,620.74 40° 1' 51.973 N 109° 25' 21.788 W 1,625.0 11.70 341.80 1,606.1 200.4 -60.9 625,134.47 2,581,618.74 40° 1' 52.029 N 109° 25' 21.812 W 1,655.0 11.90 341.10 1,635.4 206.2 -62.9 625,140.24 2,581,616.65 40° 1' 52.087 N 109° 25' 21.837 W 1,685.0 11.80 340.80 1,664.8 212.1 -64.9 625,146.01 2,581,614.51 40° 1' 52.144 N 109° 25' 21.863 W 1,715.0 11.90 339.70 1,694.2 217.9 -67.0 625,151.76 2,581,612.29 40° 1' 52.202 N 109° 25' 21.890 W 1,745.0 12.10 340.10 1,723.5 223.7 -69.1 625,157.57 2,581,610.01 40° 1' 52.259 N 109° 25' 21.917 W 1,775.0 11.90 340.30 1,752.9 229.6 -71.2 625,163.39 2,581,607.76 40° 1' 52.375 N 109° 25' 21.971 W 1,805.0 12.00 340.20 1,782.2 235.4 -73.3 625,169.								2,581,624.64		109° 25' 21.741 W
1,625.0 11.70 341.80 1,606.1 200.4 -60.9 625,134.47 2,581,618.74 40° 1' 52.029 N 109° 25' 21.812 W 1,655.0 11.90 341.10 1,635.4 206.2 -62.9 625,140.24 2,581,616.65 40° 1' 52.087 N 109° 25' 21.837 W 1,685.0 11.80 340.80 1,664.8 212.1 -64.9 625,146.01 2,581,614.51 40° 1' 52.144 N 109° 25' 21.863 W 1,715.0 11.90 339.70 1,694.2 217.9 -67.0 625,151.76 2,581,612.29 40° 1' 52.202 N 109° 25' 21.890 W 1,745.0 12.10 340.10 1,723.5 223.7 -69.1 625,157.57 2,581,610.01 40° 1' 52.259 N 109° 25' 21.917 W 1,775.0 11.90 340.30 1,752.9 229.6 -71.2 625,163.39 2,581,607.76 40° 1' 52.375 N 109° 25' 21.914 W 1,805.0 12.00 340.20 1,782.2 235.4 -73.3 625,169.18 2,581,605.53 40° 1' 52.433 N 109° 25' 21.998 W 1,885.0 11.80 341.50 1,840.9 247.1 -77.2 625,180.				•						
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1,865.0 11.70 342.40 1,840.9 247.1 -77.2 625,180.74 2,581,601.34 40° 1' 52.490 N 109° 25' 22.022 W										





Company: Project: Site: Well:

EOG Resources Uintah County Utah

Chapita Well Unit 1426-1431-15D CWU #1431-15D

Wellbore:

#1431 #1431 Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Database:

Well CWU#1431-15D

True #34 @ 4859.0ft (Original Well Elev) True #34 @ 4859.0ft (Original Well Elev)

True

Minimum Curvature

EDM 2003.16 Single User Db

Design: Survey

Survey		operation of the comment.	andere e membrane de des. Par é la cabal aleman e desc		etinis in description in december. Authoritische de troubles in de	ing and the first of the second of the secon	 A construction of the type of the construction of the	t i distribui kata di kata di kata panganan ing salah menji. Kata di katangan katangan di katangan katangan katangan katangan katangan katangan katangan katangan katangan	control see disconnection all the America
Measured			Vertical			Map	10 may 200		
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Map Northing	Map Easting		
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	Latitude	Longitude
1,925.0	11.40	342.80	1,899.7	258.4	-80.8	625,192,00	2,581,597.54	40° 1' 52.603 N	109° 25' 22.067 W
1,955.0	11.30	343.00	1,929.2	264.1	-82.5	625,197.60	2,581,595.67	40° 1' 52.658 N	109° 25′ 22.090 W
1,985.0	11.50	342.10	1,958.6	269.7	-84.3	625,203.22	2,581,593.76	40° 1' 52.714 N	109° 25' 22.112 W
2,015.0			1,988.0	275.4	- 86.1	625,208.89	2,581,591.78	40° 1' 52.771 N	109° 25' 22.136 W
2,045.0			2,017.3	281.2	-88.0	625,214.57	2,581,589.75	40° 1' 52.827 N	109° 25' 22.161 W
2,075.0			2,046.7	287.0	-90.0	625,220.31	2,581,587.66	40° 1' 52.885 N	109° 25' 22.186 W
2,105.0			2,076.1	292.7	-92.0	625,226.03	2,581,585.51	40° 1' 52.942 N	109° 25' 22.212 W
2,135.0			2,105.5	298.4	-94.0	625,231.67	2,581,583.38	40° 1' 52.998 N	109° 25' 22.237 W
2,165.0			2,134.9	304.1	-95.9	625,237.27	2,581,581.36	40° 1' 53.054 N	109° 25' 22.262 W
2,195.0			2,164.3	309.5	-97.7	625,242.67	2,581,579.46	40° 1' 53.107 N	109° 25′ 22.285 W
2,225.0			2,193.8	314.7	-99.3	625,247.87	2,581,577.67	40° 1' 53.159 N	109° 25′ 22.306 W
2,255.0			2,223.3	319.9	-101.0	625,252.94	2,581,575.93	40° 1' 53.210 N	109° 25' 22.327 W
2,285.0			2,252.9	324.9	-102.6	625,257.97	2,581,574.22	40° 1' 53.260 N	109° 25' 22,347 W
2,401.0			2,367.2	343.2	-108.9	625,276.10	2,581,567.50	40° 1' 53.440 N	109° 25' 22.428 W
2,432.0			2,397.9	347.5	-110.5	625,280.36	2,581,565.75	40° 1' 53.483 N	109° 25' 22.450 W
2,463.0			2,428.6	351.6	-112.2	625,284.45	2,581,564.00	40° 1' 53.524 N	109° 25' 22.471 W
2,493.0 2,525.0			2,458.3	355.7	-113.8	625,288.47	2,581,562.24	40° 1' 53.564 N	109° 25' 22.492 W
2,556.0			2,489.9	360.1	-115.7	625,292.86	2,581,560.22	40° 1' 53.608 N	109° 25' 22.517 W
2,588.0		335.30 335.90	2,520.5	364.8	-117.9	625,297.47	2,581,557.99	40° 1' 53.654 N	109° 25' 22.544 W
2,618.0		336.30	2,551.9	370.1	-120.3	625,302.75	2,581,555.45	40° 1' 53.706 N	109° 25' 22.575 W
2,648.0			2,581.4 2,610.8	375.4	-122.6	625,307.99	2,581,552.98	40° 1' 53.759 N	109° 25' 22.605 W
2,680.0			2,642.2	380.8 386.4	-125.0	625,313.27	2,581,550.49	40° 1' 53.812 N	109° 25' 22.636 W
2,710.0		337.10	2,642.2 2,671.6	391.7	-127.5	625,318.80	2,581,547.86	40° 1' 53.867 N	109° 25' 22.668 W
2,742.0		339.60	2,703.0	397.6	-129.8 -132.2	625,324.05 625,329.97	2,581,545.43	40° 1' 53.919 N	109° 25' 22.698 W
2,772.0			2,732.3	403.6	-132.2	625,329.97	2,581,542.93 2,581,540.72	40° 1' 53.978 N	109° 25' 22.728 W
2,804.0		342.10	2,763.6	410.1	-134.2	625,342.38	2,581,538.47	40° 1' 54.038 N 40° 1' 54.102 N	109° 25' 22,755 W
2,835.0		340.50	2,793.9	416.2	-138.4	625,348.36	2,581,536.29	40° 1' 54.162 N	109° 25′ 22.782 W 109° 25′ 22.808 W
2,867.0		339.20	2,825.3	422.1	-140.6	625,354.27	2,581,533.96	40° 1' 54.220 N	
2,897.0		338.20	2,854.7	427.6	-142.7	625,359.72	2,581,531.69	40° 1' 54.275 N	109° 25' 22.836 W 109° 25' 22.864 W
2,929.0		338.30	2,886.1	433.4	-145.0	625,365.41	2,581,529.27	40° 1' 54.332 N	109° 25' 22.893 W
2,960.0		339.10	2,916.5	438.8	-147.1	625,370.80	2,581,527.02	40° 1' 54.385 N	109° 25' 22.920 W
2,991.0		339.90	2,947.0	444.3	-149.2	625,376.21	2,581,524.85	40° 1' 54.439 N	109° 25' 22.947 W
3,022.0			2,977.3	450.1	-151.2	625,381.98	2,581,522.71	40° 1' 54.497 N	109° 25' 22.972 W
3,054.0		334.00	3,008.7	456.1	-153.6	625,387.95	2,581,520.14	40° 1' 54.556 N	109° 25' 23.004 W
3,085.0	11.20	345.20	3,039.1	461.8	<i>-</i> 155.7	625,393.61	2,581,517.88	40° 1' 54.613 N	109° 25' 23.031 W
3,117.0		348.10	3,070.4	468.0	-157.2	625,399.79	2,581,516.26	40° 1' 54.674 N	109° 25' 23.050 W
3,149.0		349.80	3,101.7	474.5	-158.5	625,406.23	2,581,514.85	40° 1' 54.738 N	109° 25' 23.066 W
3,180.0	12.20	351.10	3,132.0	480.9	-159.5	625,412.61	2,581,513.62	40° 1' 54.802 N	109° 25' 23.080 W
3,212.0	12.60	351.20	3,163.3	487.7	-160.6	625,419.37	2,581,512.41	40° 1' 54.869 N	109° 25' 23.094 W
3,243.0	11.90	350.60	3,193.6	494.2	-161.6	625,425.84	2,581,511.22	40° 1' 54.933 N	109° 25' 23.107 W
3,274.0	11.30	350.10	3,224.0	500.4	-162.7	625,431.96	2,581,510.03	40° 1' 54.994 N	109° 25′ 23.120 W
3,306.0	11.10	348.60	3,255.3	506.5	-163.8	625,438.04	2,581,508.74	40° 1' 55.054 N	109° 25' 23.135 W
3,336.0	11.30	345.80	3,284.8	512.1	-165.1	625,443.69	2,581,507.32	40° 1' 55.110 N	109° 25' 23.152 W
3,368.0	11.30	343.10	3,316.2	518.2	-166.8	625,449.69	2,581,505.50	40° 1' 55.170 N	109° 25' 23.173 W
3,398.0			3,345.5	524.0	-168.5	625,455.43	2,581,503.65	40° 1' 55.227 N	109° 25' 23.195 W
3,430.0			3,376.8	530.5	-170.2	625,461.96	2,581,501.79	40° 1' 55.292 N	109° 25' 23.217 W
3,461.0			3,407.0	537.3	-171.8	625,468.67	2,581,500.11	40° 1' 55.359 N	109° 25′ 23.237 W
3,492.0			3,437.3	544.0	-173.3	625,475.38	2,581,498.40	40° 1' 55.425 N	109° 25' 23.257 W
3,523.0			3,467.6	550.4	-174.9	625,481.67	2,581,496.68	40° 1' 55.488 N	109° 25' 23.277 W
3,554.0			3,497.9	556.4	-176.4	625,487.62	2,581,495.02	40° 1' 55.547 N	109° 25' 23.297 W
3,585.0			3,528.3	562.2	-177.9	625,493.42	2,581,493.38	40° 1' 55.605 N	109° 25' 23.316 W
3,616.0			3,558.7	568.1	-179.4	625,499.30	2,581,491.77	40° 1' 55.663 N	109° 25' 23.335 W
3,648.0			3,590.1	574.6	-180.8	625,505.71	2,581,490.22	40° 1' 55.727 N	109° 25' 23.353 W
3,678.0	12.60	350.80	3,619.4	580.9	-181.9	625,512.03	2,581,488.93	40° 1' 55.790 N	109° 25' 23.368 W





Company: Project: EOG Resources Uintah County Utah

Site: Chapita Well Unit 1426-1431-15D

Well: CWU #1431-15D

Wellbore: #1431 **Design:** #1431

Local Co-ordinate Reference: Well CWU#1431-15D

TVD Reference: True #34 @ 4859.0ft (Original Well Elev)

MD Reference: True #34 @ 4859.0ft (Original Well Elev)

North Reference: True

Survey Calculation Method: Minimum Curvature

Database: EDM 2003.16 Single User Db

3,709.0 12.70 351.20 3,649.6 587.6 -183.0 625,518.70 2,581,487.72 40° 1′ 55.856 N 109° 25′ 23.381 W 3,741.0 12.50 351.10 3,680.8 594.5 -184.1 625,525.58 2,581,486.48 40° 1′ 55.924 N 109° 25′ 23.395 W 3,772.0 11.70 351.00 3,711.1 600.9 -185.1 625,531.97 2,581,485.32 40° 1′ 55.987 N 109° 25′ 23.408 W 3,804.0 11.50 349.50 3,742.5 607.3 -186.2 625,538.28 2,581,484.09 40° 1′ 56.050 N 109° 25′ 23.422 W	Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	1 -4141	
3,741.0 12.50 \$51.10 3,680.8 \$94.5 -184.1 \$25,525.58 2,981.486.48 \$40^{\text{t}}\$1.50 \$22.34.68 \$4.37.2 \$23.368 \$4.38.3 \$3.90.0 11.50 349.50 3,742.5 \$607.3 -186.2 \$62,534.88 \$2,581.484.09 \$40^{\text{t}}\$1.56 \$0.50 \$0.1 \$09^{\text{t}}\$2.24.80 \$4.38.3 \$1.50 \$48.70 \$1.50 \$48.70 \$1.50 \$48.70 \$1.50 \$48.70 \$1.50 \$48.70 \$1.50 \$48.70 \$1.50 \$48.70 \$1.50 \$48.70 \$1.50 \$48.70 \$1.50 \$48.70 \$1.50 \$48.70 \$1.50 \$49.50 \$1.50 \$48.70 \$1.50 \$49.50 \$1.50 \$1.70 \$48.70 \$1.50 \$49.50 \$1.50 \$1.7									Latitude	Longitude
3,772.0 11.70 351.00 3,711.1 600.9 1485.1 625.531.97 2,531.485.32 40°1.55.997 N 109°2.2°2.34.08 N 3,836.0 11.50 349.50 3,736.8 613.6 187.4 625.544.57 2,531.482.0 40°1.56.13 N 109°2.5°2.34.28 N 3,836.0 11.70 348.70 3,738.8 613.6 187.4 625.544.57 2,531.482.0 40°1.56.173 N 109°2.5°2.34.28 N 3,836.0 11.30 380.00 3,834.5 625.9 188.6 625.550.58 2,531.481.8 40°1.56.172 N 109°2.5°2.34.38 N 3,938.0 11.30 380.00 3,834.5 625.9 188.6 625.550.58 2,531.481.8 40°1.56.172 N 109°2.5°2.34.58 N 3,938.0 11.60 349.20 3,883.3 631.8 190.6 625.566.72 2,531.479.03 40°1.56.235 N 109°2.5°2.34.68 N 3,938.0 11.60 349.20 3,883.3 631.8 190.6 625.566.72 2,531.479.03 40°1.56.235 N 109°2.5°2.34.68 N 3,939.0 11.20 345.60 3,924.7 643.9 191.9 3 625.568.79 2,531.476.05 40°1.56.235 N 109°2.5°2.34.68 N 4,022.0 10.50 344.70 3,936.1 649.7 194.9 63.0 625.568.67 2,531.472.79 40°1.56.412 N 109°2.5°2.35.34 N 4,033.0 9.00 344.00 3,986.7 664.9 194.9 63 625.568.67 2,531.472.79 40°1.56.412 N 109°2.5°2.35.34 N 4,033.0 9.00 344.00 3,986.7 664.9 196.3 625.568.67 2,531.472.79 40°1.56.625 N 109°2.5°2.35.34 N 4,033.0 9.00 344.00 3,986.7 664.9 199.2 625.594.90 2,531.472.79 40°1.56.621 N 109°2.5°2.35.34 N 4,033.0 9.00 344.00 3,986.7 664.9 199.2 625.594.90 2,531.469.76 40°1.56.631 N 109°2.5°2.35.34 N 4,033.0 9.00 344.00 4,079 664.2 199.2 625.594.90 2,531.469.76 40°1.56.631 N 109°2.5°2.35.34 N 4,033.0 4,047.9 664.2 199.2 625.594.90 2,531.469.76 40°1.56.651 N 109°2.5°2.35.34 N 4,033.0 4,033.0 4,076 664.2 199.2 625.594.90 2,531.469.76 40°1.56.6613 N 109°2.5°2.35.34 N 4,033.0 4,033.0 4,047.9 664.2 199.2 625.594.90 2,531.469.76 40°1.56.651 N 109°2.5°2.35.34 N 4,033.0 4,033.0 4,047.9 664.2 199.2 625.594.90 2,531.469.76 40°1.56.6613 N 109°2.5°2.35.34 N 4,033.0 4,033.0 4,034.0 4,039.3 672.4 201.7 625.603.02 2,531.469.76 40°1.56.631 N 109°2.5°2.35.34 N 4,033.0 4,033.0 4,034										109° 25′ 23.381 W
3,804.0 11.50 349.50 3,742.5 607.3 -186.2 265.538.28 2,8148.40 40 156.05.0 109.25 23.422 W 3,806.0 11.90 350.50 3,803.2 619.6 -188.5 625.550.58 2,8148.27 40 156.138 109.25 23.422 W 3,806.0 11.30 350.50 3,803.2 619.6 -188.5 625.550.58 2,814.82.72 40 156.138 109.25 23.452 W 3,820.0 11.60 349.20 3,863.9 631.8 -190.6 625.566.27 2,881.480.24 40 156.172 N 109.25 23.462 W 3,850.0 11.20 345.60 3,894.3 637.9 -191.9 625.566.89 2,881.480.24 40 156.353 N 109.25 23.462 W 3,890.0 11.20 345.60 3,894.3 637.9 -191.9 625.566.79 2,881.477.62 40 156.353 N 109.25 23.462 W 4,022.0 10.50 344.70 3,966.1 649.7 -194.9 625.566.79 2,881.477.62 40 156.369 N 109.25 23.515 W 4,022.0 10.50 344.70 3,966.1 649.7 -194.9 625.560.0 2,881.474.37 40 156.649 N 109.25 23.553 W 4,083.0 9.00 343.10 4,016.3 659.5 -197.7 625.690.20 2,881.474.37 40 156.621 N 109.25 23.553 W 4,183.0 9.00 343.10 4,016.3 659.5 -197.7 625.690.90 2,881.474.37 40 156.621 N 109.25 23.553 W 4,185.0 8.50 344.10 3,400.407.6 668.2 -200.4 625.590.59 2.861.474.37 40 156.663 N 109.25 23.553 W 4,177.0 7.80 344.00 3,400.3 669.2 -200.4 625.590.30 2,881.476.3 W 17.56.669 N 109.25 23.553 W 4,185.0 9.00 345.30 4,141.0 676.6 -202.8 625.607.23 2,881.476.3 W 17.56.669 N 109.25 23.853 W 4,177.0 7.80 345.00 4,077.6 668.2 -200.4 625.603.02 2,881.468.40 40 156.663 N 109.25 23.559 W 4,239.0 8.00 345.30 4,141.0 676.6 -202.8 625.607.23 2,881.468.40 40 156.663 N 109.25 23.624 W 4,209.0 8.00 345.30 4,141.0 676.6 -202.8 625.607.23 2,881.468.40 40 156.603 N 109.25 23.624 W 4,209.0 8.00 345.30 4,141.0 676.6 -202.8 625.607.23 2,881.468.40 40 156.608 N 109.25 23.624 W 4,231.0 6.00 345.80 4,141.0 676.6 -202.8 625.607.23 2,881.468.40 40 156.608 N 109.25 23.624 W 4,209.0 8.00 345.80 4,141.0 676.6 -202.8 625.607.23 2,881.468.40 40 156.608 N 109.25 23.624 W 4,209.0 8.00 345.80 4,141.0 676.6 -202.8 625.607.23 2,881.468.40 40 156.608 N 109.25 23.624 W 4,209.0 8.00 345.80 4,141.0 676.6 -202.8 625.607.23 2,881.468.40 40 156.608 N 109.25 23.624 W 4,209.0 8.00 345.80 4,141.0 676.6 -202.8 625.608.20 2,881.468.40 40 156.6										
3,836.0 11.70 348.70 3,773.8 613.6 13.8 148.7 4625.544.57 2,881.482.72 40°1.56.113.N 109°.25°.23.432.W 3,883.0 11.80 345.05 3.803.2 616 - 188.5 625.556.89 2,881.481.48 40°1.56.172.N 109°.25°.23.432.W 3,893.0 11.80 349.20 3,883.9 631.8 190.6 625.568.79 2,881.479.03 40°1.56.172.N 109°.25°.23.465.W 3,980.0 11.80 347.30 3,884.3 637.9 191.9 625.568.79 2,881.477.62 40°1.56.235.N 109°.25°.23.465.W 3,980.0 11.20 345.80 3,924.7 643.9 193.3 625.574.72 2,881.476.05 40°1.56.412.N 109°.25°.23.469.W 4,022.0 10.50 344.70 3,986.1 648.7 194.9 625.5806.72 2,881.476.05 40°1.56.412.N 109°.25°.23.543.W 4,023.0 9.00 344.70 3,986.7 654.9 190.3 625.586.7 2,881.476.05 40°1.56.412.N 109°.25°.23.543.W 4,083.0 9.00 344.00 3,986.7 654.9 190.3 625.586.7 2,881.472.79 40°1.56.627.N 109°.25°.23.551.W 4,115.0 8.50 342.30 4,047.9 664.2 199.2 625.594.90 2,881.472.79 40°1.56.627.N 109°.25°.23.571.W 4,115.0 8.50 342.30 4,047.9 664.2 199.2 625.594.90 2,881.472.79 40°1.56.667.N 109°.25°.23.571.W 4,115.0 8.50 342.30 4,047.9 664.2 199.2 625.594.90 2,881.472.79 40°1.56.667.N 109°.25°.23.571.W 4,120 7.70 343.00 4,047.9 664.2 199.2 625.594.90 2,881.476.07 40°1.56.667.N 109°.25°.23.571.W 4,209.0 8.00 345.30 4,141.0 676.6 200.2 8.625.607.20 2,881.476.0 40°1.56.663.N 109°.25°.23.569.W 4,209.0 8.00 345.30 4,141.0 676.6 200.2 8.625.607.20 2,881.476.0 40°1.56.663.N 109°.25°.23.608.W 4,207.0 7.80 346.90 4,202.4 684.7 204.8 625.608.20 2.808.4 4.008.0 691.6 200.8 605.608.2 4.008.0 4.	,	_								109° 25' 23.408 W
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	5,492.0	0.40								
	5,586.0	0.40								
E 070 0 0 40 440 00 E 0070 T 10 7 T 1	5,678.0	0.40	116.60	5,607.9	718.8		625,649.22			109° 25' 23.760 W
	5,772.0	0.40	125.30	5,701.9						109° 25' 23.753 W
F.00T.0	5,867.0	0.40	129.90							109° 25' 23.746 W
F 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	5,959.0	0.40	153.10	5,888.9						109° 25' 23.741 W
	6,053.0	0.60	352.60	5,982.9	717.8		625,648.22	2,581,456.82		109° 25' 23.740 W
A 1 4 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A	6,147.0	0.40	3.40	6,076.9	718.6		625,649.04		40° 1′ 57.151 N	109° 25′ 23.740 W
6,240.0 0.70 338.60 6,169.9 719.5 -211.1 625,649.88 2,581,456.55 40° 1' 57.159 N 109° 25' 23.743 W				6,169.9	719.5	-211.1	625,649.88	2,581,456.55		109° 25' 23.743 W
6,333.0 0.40 333.60 6,262.9 720.3 -211.4 625,650.70 2,581,456.18 40° 1' 57.167 N 109° 25' 23.747 W	6,333.0	0.40	333.60	6,262.9	720.3	-211.4	625,650.70	2,581,456.18	40° 1′ 57.167 N	109° 25′ 23.747 W





Company: Project:

EOG Resources Uintah County Utah

Chapita Well Unit 1426-1431-15D

Well:

Site:

CWU #1431-15D

Wellbore: Design: #1431 #1431 Local Co-ordinate Reference:

TVD Reference:

North Reference:

Survey Calculation Method:

Database:

Well CWU#1431-15D

True #34 @ 4859.0ft (Original Well Elev) True #34 @ 4859.0ft (Original Well Elev)

True

Minimum Curvature

EDM 2003.16 Single User Db

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
6,427.0	0.10	312.40	6,356.9	720.6	-211.7	625,651.04	2,581,455.97	40° 1' 57,171 N	109° 25′ 23.750 W
6,519.0	0.20	167.40	6,448.9	720.5	-211.7	625,650,94	2,581,455.94	40° 1′ 57.170 N	109° 25′ 23.750 W
6,613.0	0.40	168.30	6,542.9	720.1	-211.6	625,650,46	2.581.456.06	40° 1' 57.165 N	109° 25' 23.749 W
6,706.0	0.60	166.90	6,635.9	719.3	-211.4	625,649.67	2,581,456.25	40° 1' 57.157 N	109° 25' 23.747 W
6,799.0	0.40	118.60	6,728.9	718.6	-211.0	625,649.05	2,581,456.66	40° 1' 57.151 N	109° 25' 23.742 W
6,893.0	0.50	22.40	6,822.9	718.9	-210.6	625,649.28	2,581,457.10	40° 1' 57.153 N	109° 25' 23.736 W
6,988.0	0.40	36.70	6,917.9	719.5	-210.2	625,649,94	2,581,457.44	40° 1' 57.159 N	109° 25' 23.731 W
7,081.0	0.30	68.10	7,010.9	719.9	-209.8	625,650,30	2,581,457.85	40° 1' 57.163 N	109° 25' 23.726 W
7,174.0	0.10	215.10	7,103.9	719.9	-209.6	625,650.33	2,581,458.03	40° 1′ 57.163 N	109° 25' 23.724 W
7,269.0	0.70	40.60	7,198.9	720.2	-209.3	625,650.71	2,581,458.35	40° 1' 57.167 N	109° 25' 23.719 W
7,283.0	0.65	43.17	7,212.9	720.4	-209.2	625,650.83	2,581,458.46	40° 1' 57.168 N	109° 25' 23.718 W
Price R	liver #1431		·			,	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10 1 07.10011	100 20 20.1 10 11
7,362.0		69.50	7,291.9	720.8	-208.6	625,651.27	2,581,459.01	40° 1' 57.172 N	109° 25' 23.711 W
7,456.0	1.00	17.90	7,385.9	721.7	-208.0	625,652.18	2,581,459,55	40° 1' 57.181 N	109° 25′ 23.703 W
7,552,0	1.00	17.70	7,481.9	723.3	-207.5	625,653.78	2,581,460.03	40° 1' 57.197 N	109° 25' 23.697 W
7,644.0	0.90	30.00	7,573.9	724.7	-206.9	625,655.19	2,581,460.60	40° 1′ 57.211 N	109° 25′ 23.689 W
7,738.0		47.30	7,667.8	725.8	-206.1	625,656.29	2,581,461.43	40° 1' 57.221 N	109° 25' 23.678 W
7,833.0		74.70	7,762.8	726.4	-204.9	625,656,94	2,581,462.54	40° 1' 57.227 N	109° 25′ 23.664 W
7,927.0	0.80	96.70	7,856.8	726.5	-203.7	625,657.07	2,581,463.82	40° 1' 57.228 N	109° 25' 23.647 W
8,021.0		109.80	7,950.8	726.1	-202.2	625,656.72	2,581,465.33	40° 1' 57.225 N	109° 25' 23.628 W
8,116.0	0.60	80.00	8,045.8	725.9	-200.8	625,656.53	2,581,466.68	40° 1' 57.222 N	109° 25' 23.611 W
8,210.0	0.60	107.60	8,139.8	725.8	-199.9	625,656.49	2,581,467.64	40° 1' 57.222 N	109° 25' 23.598 W
8,306.0	0.70	111.20	8,235.8	725.4	-198.8	625,656.15	2,581,468.67	40° 1′ 57.218 N	109° 25′ 23.585 W
8,398.0	0.40	131.00	8,327.8	725.0	-198.1	625,655.75	2,581,469.45	40° 1' 57.214 N	109° 25' 23.575 W
8,492.0	0.60	140.40	8,421.8	724.4	-197.5	625,655.17	2,581,470.02	40° 1' 57.208 N	109° 25' 23.568 W
8,586.0	0.80	126.00	8,515.8	723.7	-196.7	625,654,43	2,581,470.89	40° 1' 57.201 N	109° 25' 23.557 W
8,679.0	1.00	122.60	8,608.8	722.9	-195.4	625,653.64	2,581,472.11	40° 1' 57.193 N	109° 25′ 23.542 W
8,773.0	0.90	124.50	8,702.8	722.0	-194.1	625,652.81	2,581,473.43	40° 1' 57.184 N	109° 25' 23.525 W
8,867.0	1.00	123.40	8,796.7	721.1	-192.9	625,651,97	2,581,474.74	40° 1' 57.176 N	109° 25' 23.508 W
8,960.0	0.90	115.10	8,889.7	720.4	-191.5	625,651.24	2,581,476.10	40° 1' 57.168 N	109° 25' 23.491 W
9,053.0	1.20	109.50	8,982.7	719.7	-189.9	625,650,64	2,581,477.69	40° 1' 57.162 N	109° 25' 23.471 W
9,147.0	1.20	116.40	9,076.7	719.0	-188.1	625,649.92	2,581,479.52	40° 1' 57.154 N	109° 25' 23.448 W
9,241.0	1.10	114.90	9,170.7	718.2	-186.4	625,649,14	2.581.481.24	40° 1' 57.146 N	109° 25' 23.426 W
9,335.0	1.00	129.20	9,264.7	717.3	-185.0	625,648.28	2,581,482.71	40° 1' 57.137 N	109° 25' 23.407 W
9,430.0	1.50	154.80	9,359.6	715.6	-183.8	625,646.66	2,581,483.92	40° 1' 57.121 N	109° 25' 23.392 W
9,524.0	1.60	166.60	9,453.6	713.2	-183.0	625,644.29	2,581,484.81	40° 1' 57.097 N	109° 25' 23.381 W
9,600.0	1.80	166.50	9,529.6	711.0	-182.5	625,642.11	2,581,485.38	40° 1' 57.076 N	109° 25' 23.374 W
PBHL#	¥1431					,	, ,		
9,716.0		166.50	9,645.5	707.5	-181.6	625,638.58	2,581,486,32	40° 1' 57.041 N	109° 25' 23.364 W
	tion to TD		· · · · ·	200.00		,	-,,,		





Company:

EOG Resources

Project: Site:

Uintah County Utah

Well:

Chapita Well Unit 1426-1431-15D CWU #1431-15D

Wellbore:

#1431

Design:

#1431

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference: Survey Calculation Method:

Database:

Well CWU#1431-15D

True #34 @ 4859.0ft (Original Well Elev) True #34 @ 4859.0ft (Original Well Elev)

True

Minimum Curvature

EDM 2003.16 Single User Db

Targets

Target Name		
hit/mine toract	D1-	

- nivmiss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Vertical #1431 - survey misses to - Point	0.00 arget center b	0.00 by 16.5ft at	4,483.0 4552.0ft ME	694.6 D (4482.1 TV	-206.1 D, 710.2 N,	625,625.16 -211.3 E)	2,581,462.13	40° 1′ 56.914 N	109° 25′ 23.678 W
PBHL #1431 - survey misses to - Point	0.00 arget center b	0.00 by 53.8ft at	9,575.0 9600.0ft MI	694.6 D (9529.6 TV	-206.1 'D, 711.0 N,	625,625.16 -182.5 E)	2,581,462.13	40° 1' 56.914 N	109° 25' 23.678 W
Price River #1431 - survey misses to Circle (radius 50		0.00 by 25.9ft at	7,213.0 7282.9ft MC	694.6 D (7212.8 TV	-206.1 'D, 720.4 N,	625,625.16 -209.2 E)	2,581,462.13	40° 1′ 56.914 N	109° 25' 23.678 W

Survey Annotations

Measured	Vertical	Local Coor	dinates		
Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
9,716.0	9,645.5	707.5	-181.6	Projection to TD	

Checked By:	Approved By:	 Date:	